Section 4.0

Plant & Operations Description

NPDES PERMIT RENEWAL APPLICATION

NPDES NO. CA0001171

Facility Operation Description

for the Long Beach Generation LLC,

Long Beach Generating Station, Los Angeles County

1.0 Facility Description

The Long Beach Generating Station (LBGS) is located at 2665 West Seaside Boulevard in the City of Long Beach, California, adjacent to Long Beach Harbor.

Long Beach Generation LLC is the current owner of LBGS and has owned the facility since April 1998. The power plant was previously owned and operated by Southern California Edison (SCE).

LBGS consists of seven (7) gas turbine generating units (Units 1-7) and two (2) steam electric generating units (Units 8 and 9) with a total design capacity of 577 megawatts. LBGS discharges up to 265 million gallons per day (MGD) of wastes consisting of once-through cooling water and low volume wastes into the Back Channel in Long Beach Harbor, a water of the United States. The power generation operation of the LBGS was permanently retired effective January 1, 2005, including the shutdown of all nine generating units. A notice of plant shutdown was submitted to the Los Angeles Regional Water Quality Control Board on January 7, 2005.

This permit application presents the values, parameters, and characteristics for the existing discharge at LBGS. This permit will also request significant changes to the operations description at the LBGS, and characteristic of the discharge. LBGS is requesting permission to stop operations of the once through cooling water system permanently as it serves no function to the facility. Discharge from the LBGS will henceforth only require discharge of the low volume waste stream.

LBGS wastes are discharged through a channel bank outfall structure at Berth 114, Discharge Serial Nos. 001, described as follows:

a. Discharge Serial No. 001: Latitude: 33° 45' 53" (Units 1 and 2) Longitude: 118° 13' 17"

Discharge Serial No. 001 consists of one channel bank outfall which discharges in the Port of long Beach Back Channel.

The cooling water intake structure is located northeast of the LBGS at the west bank of Back Channel and draws water from an opening which is between 12 and 42 feet below the surface of the water.

Intermittently, biological growth in each of the condenser tubes is controlled by injection of chlorine (in the form of sodium hypochlorite) into the cooling water stream for a maximum of two hours per generating unit per day.

Groundwater system wastes are collected and flow through a floatation type oil/water separator before being discharged into the retention basin. The oil recovery system processes oily wastes skimmed from the retention basin. Low volume wastes from the LBGS flow into the retention basin and are then discharged along with the once-through cooling water to the Long Beach Harbor through the same outfall point (Discharge Serial No. 001). However, during maintenance of the retention basin or the once-through cooling system, low volume wastes are discharged directly to the Long Beach Harbor through the same outfall point. Residues in the basin are periodically hauled away to a legal disposal site. Figure 1 shows the location map of the LBGS.

A water flow diagram (Figure 4) is provided as "Schematic Diagram of Water Flow" in Section 3.0 with EPA Form 2C. Figure 4 shows maximum flow rate of each waste stream for the existing operations. Include in this section is Figure 5 "New Schematic Diagram of Water Flow – Direct Discharge of Low Volume Waste Streams", which reflects the water flow characteristics if the requested changes discussed in the flowing section are implemented.

2.0 Discharge Description

LBGS has the following wastewater discharges to the ocean:

- a. Once-Through (Non-contact) Cooling Water
- b. Low Volume Wastes

The wastewater discharge flow summary of the LBGS is provided in Table 2 below:

TABLE 2
Outfall and Nature of Wastes Discharged

Discharge Serial No.		001
	System, and Low Volume Wastewaters	
Diameter		10-foot
Outfall Structure		Channel Bank Outfall
Latitude		33° 45' 53"
Longitude		118° 13' 17"
Maximum	Winter (October to April 2004)	88
Temperature, (°F)	Summer (May to September 2004)	96
Waste Streams	Once-through Cooling Water	261.00 MGD
(maximum volume, MGD)	Low Volume Wastesi ^{1]}	
,	Yard Drain	1.2 MGD
	Plant Drains	0.07 MGD
	Plant No., 2 Well Point System	1.44 MGD
	Tank Farm Well Point System	0.504 MGD
	Oil Recovery System	0.156 MGD

MGD = Million Gallons a Day

3.0 Section 316(b) of the Clean Water Act

Section 316(b) of the Federal Clean Water Act (Clean Water Act) requires that the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impacts for facilities which generate electricity and utilize once through cooling water systems with circulating capacity of 50 million gallons per day or greater.

On July 9, 2004, the U.S. Environmental Protection Agency (USEPA) published its final rule prescribing how "existing facilities" may comply with Section 316(b) of the Clean Water Act. 69 Fed. Reg. 41575, 41683 (July 9, 2004). Existing facilities, by rule definition, include "as its primary activity, the facility both generates and transmits electric power, or generates electric power but sells it to another entity for transmission..." (40 CFR 125.91), among other applicability criteria

LBGS permanently retired the existing electric power generation equipment at the facility effective January 1, 2005, and as such, is not a "Phase II existing facility" within the meaning of 40 CFR 125.91.

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Historical NPDES Monitoring Data Summary

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Discharge No. 001	<u>Jan</u>	Feb	Mar	Apr	May .	Jun	<u>Jul</u> :	Aug	<u>Sep</u>	<u>Oct</u>	Nov	Dec
Effluent	- 7.1			5 -	1111	Marie 1	- 1	CARLACTE.	18.139	08,440	1. 1.45	ÇÜVELV
pH (Max) pH (Min)	8.1 7.9	8.2 8.0	8.1 7.6	8.0 7.9	8 <u>.2</u> 7.9	8.1 8.0	8.0 7.9	7.9 7.6	8.0 7.8	8.0 7.8	7.9 7.8	8.0 7.9
Flow (Max) MGD Flow (Avg) MGD	193.6 143.13	190.8 133.89	63.5417 63.5417	214 143.86	208.5 147.86	181.5 111.49	183.1 131.66	202.2 122.88	146.6 123.23	132.3 103.29	104.5 65.667	132.1 92.13
Circ, Water Discharge	a	11,041	4,134,43	4213.47	(1 1 <u>1 1 1</u>		S 10 1443	<u> </u>	us Algeria	(Marijan)	ula na Parata	75-0944
Temp (Max) °F Temp (Min) °F Heat Treat Temp °F	72 64	68 63	72 63	81 70	77 68	79 72	75 66	73 66	73_ 70	73 66	77 64	63 59
Chlorine	<u> </u>						1 % 1 1				seggede, d	1.5
Total - Avg (mg/l)	0.07	0.12	0.05	0.10	0.12	0.10	0.14	0.11	0.15	0.08	0.05	0.09
Total - Max (mg/l) Total - Min (mg/l)	80.0 00.0	0.18	0.08	0.19	0.16 0.00	0.19	0.19 0.08	0.17 0.05	0.17 0,14	0.14	0.06 0.04	0.17
Free - Avg (mg/l) Free - Max (mg/l) Free - Min (mg/l)				0.11 0.20 0.00	0.11 0.15 0.00	0.08 0.17 0.03	0.14 0.19 0.08	0.11 0.16 0.05	0.14 0.15 0.12	0.07 0.11 0.04	0.04 0.05 0.03	0.08 0.16 0.04
						ration LLC		1	A.			
				1	2001	iting Stati					l New	Dec
	<u>Jan</u>	Feb	<u>Mar</u>	Apr	May	Jun	<u>Jul</u>	Aug	Sep	Oct	Nov	Dec
Low Volume Waste			· · · · · · · · · · · · · · · · · · ·		Y				7.4	7.9	7.9	8.0
pH (Max) pH (Min)	9.7 7.9	8.9 8.9	9.1 7.7	8.3 8.3	8.5 8.5	9.5 8.7	8.1 8.1	8.0 8.0	7.4	7.9	7.9	8.0
Total Suspended Solids - Max (mg/l) Total Suspended Solids - Avg (mg/l)	25.0 10.9	21.7	7.3	10.8 10.2	7.4 7.1	17.2 11.0	3.4 3.3	7.4	11.8 11.2	9.5 9.4	11.7 11.5	5.9 5.7
Oil & Grease-Max (mg/l) Oil & Grease-Min (mg/l)	4.3 3.3	0.0	13.8	0.0	0.0	2.7 1.2	4.7 3.1	2.0 0.9	3.0 2.0	ND ND	1.4	2.5 ND
Flow Rate (MGD)	2.800	4.086	4.662	1.836	2.880	2.880	1.764	1.296	1.872	1.044	1.260	1.890
		* .				ration LL0 ating Stati						
	<u>Jan</u>	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Oil Recovery System						1. 74.				to suspice	* js	S : 1 .
Flow Rate (MGD)	0.000	0.000	0.000	0.000	0.000	0.000			l	Ι	0.163	I
Total Suspended Solids - Max (mg/l) Total Suspended Solids - Avg (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0					13.1 13.1	
Settleable Solids-Max (ml/l) Settleable Solids-Avg (ml/l)	0.0	0.0	0.0	0.0	0.0	0.0					0.1 0.1	
B.O.D Max (mg/l) B.O.D Min (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0					0.1	
Oil & Grease-Max (mg/l) Oil & Grease-Min (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0					ND ND	
Surfactants (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	<u> </u>			-	0.2 ND	
Phenolics, Total (mg/l) Arsenic, Total (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0					ND	
Cadmium, Total (mg/l) Chromium Hexavalent (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0		_			ND ND	<u> </u>
Lead, Total (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0			1	L	ND .	L
pH (Max) pH (Min)	0.0	0.0	0.0	0.0	0.0	0.0			<u> </u>		7.5 7.5	
[bi i Imigi]	, 3.0		, ,,,,,				•					
			7		tfoll	7						

		ake
C) PRIORITY POLLUTANTS	1st Half	2nd half
Arsenic	, o	1,151
Cadmium	0.001	0.0025
Chromium, Total	0.02	1.035
Chromium, Hexavalent	0	a
Copper	1.6025	1.34
Lead	0	0.0725
Mercury	0_	0.0495
Nickel	0	0.3095
Selenium	0	3.27
Silver	0	0.107
Zinc	0	8.405

Quitan					
1st Half	2nd half				
0	1.39				
0	0.0025				
0	0.9703				
0	0.015				
5.3575	1.8175				
0	0.1928				
0 .	0.0495				
0	0.471				
Ö	3.455				
0	0.102				
0	10.208				

C) WELLPOINT SYSTEM					
	Maximum				
Constituent	Concentration	Units	Date _	Method	
	March				
pH	7.7	pН	03/08/2001	EPA 150.1	
Salinity	25	ppt	03/08/2001	SM 210, 15th	
Suspended Solids	12.4	mg/L	03/08/2001	SM 2540 D	
Disolved Solids	25,640	mg/L	03/08/2001	SM 2540 C	
Oil & Grease	12.7	mg/L	03/08/2001	EPA 1664	
BOD	0.0	mg/L	03/06/2001	EPA 405.1	
Total Cyanide	0.0	mg/L	03/06/2001	EPA 355.5	
Total Phenolics	0.0	mg/L	03/06/2001	EPA 420.1	
Surfactants	0.0	mg/L	03/06/2001	EPA 425.1	
Arsenic	0.0	mg/L	03/12/2001	EPA 6010B	*****
Cadmium	0.0	mg/L	03/12/2001	EPA 6010B	
Chromium Hexavalent	0.0	mg/L	03/06/2001	EPA 7196A	
Copper	0.0	mg/L	03/12/2001	EPA 6010B	
Mercury	0.0	mg/L	03/12/2001	EPA 7470A	
Nickel	0.0	mg/L	03/12/2001	EPA 6010B	
Selenium	0.0	mg/L	03/12/2001	EPA 6010B	
Silver	0.0	mg/L	03/12/2001	EPA 6010B	
Zinc	48.8	mg/L	03/12/2001	EPA 6010B	
Pesticides/PCBs	0.0	mg/L	03/06/2001	EPA 8081/8082	
			00/00/0004	ED & GOOD	
VOCs,acrolein,etc	0.0	mg/L	03/06/2001	EPA8260B	
Semi Volatile Organics	0.0	mg/L mg/L	03/12/2001	EPA8260B EPA 8270C	
VOCs,acrolein,etc Semi Volatile Organics Well Point System Priority Pollutants	0.0	mg/L		EPA 8270C	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample	0.0 Concentration	mg/L Units	03/12/2001	EPA 8270C Method	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony	Concentration 0.0	mg/L Units mg/l	03/12/2001	EPA 8270C Method EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium	Concentration 0.0 0.0	mg/L Units mg/l mg/l	03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total)	0.0 Concentration 0.0 0.0	mg/L Units mg/l mg/l mg/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead	0.0 Concentration 0.0 0.0 0.0	mg/L Units mg/l mg/l mg/l mg/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium	0.0 Concentration 0.0 0.0 0.0 0.0	mg/L Units mg/l mg/l mg/l mg/l mg/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0	Units mg/l mg/l mg/l mg/l mg/l mg/l mg/L	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0	mg/L Units mg/l mg/l mg/l mg/l mg/L mg/l ug/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	mg/L Units mg/l mg/l mg/l mg/l mg/L ug/l ug/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	mg/L Units mg/l mg/l mg/l mg/l mg/l ug/l ug/l ug/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0	mg/L Units mg/l mg/l mg/l mg/l mg/l ug/l ug/l ug/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0	mg/L Units mg/l mg/l mg/l mg/l ug/l ug/l ug/l ug/l ug/l	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	mg/L Units mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022 EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/l mg/l mg/l mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/l mg/l mg/l mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/l mg/l mg/l mg/l mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/l mg/l mg/l mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 8081/8022	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin Endrin Aldehyde	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/I mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 3529B EPA 3529B EPA 3529B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin Endrin Aldehyde 4,4'-DDD	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/I mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 3529B EPA 3529B EPA 3529B EPA 3529B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin Aldehyde 4,4'-DDD Endosulfan II	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/I mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I u	03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 3529B EPA 3529B EPA 3529B EPA 3529B EPA 3529B	
Semi Volatile Organics Well Point System Priority Pollutants Constituent & Date of Sample Antimony Beryllium Chromium (Total) Lead Thallium Zinc Alpha-BHC3/12/01 Gamma-BHC Beta-BHC Heptachlor Delta-BHC Aldrin Heptachlor Epoxide Endosulfan I Dieldrin 4,4'-DDE Endrin Endrin Aldehyde 4,4'-DDD	0.0 Concentration 0.0 0.0 0.0 0.0 0.0 0.0 0.155 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	mg/L Units mg/I mg/I mg/I mg/I mg/I ug/I ug/I ug/I ug/I ug/I ug/I ug/I u	03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001 03/12/2001	Method EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 8081/8022 EPA 3529B EPA 3529B EPA 3529B EPA 3529B	

Oblanda San Company	0.0	ug/l	03/12/2001	EPA 3529B
Chlordane Toxaphene	0.0	ug/l	03/12/2001	EPA 3529B
Toxaphene Aroctor-1016	0.0	ug/l	03/12/2001	EPA 3529B
Aroctor-1016 Aroctor-1221	0.0	ug/l	03/12/2001	EPA 3529B
Aroctor-1232	0.0	ug/l	03/12/2001	EPA 3529B
Aroctor-1242-312/01	0.0	ug/l	03/12/2001	EPA 3529B
Arcotor 1248	0.0	ug/l	03/12/2001	EPA 3529B
Arcotor 1254	0.0	ug/l	03/12/2001	EPA 3529B
Arcotor-1260	0.0	ug/l	03/12/2001	EPA 3529B
Aroctor-1262	0.0	ug/l	03/12/2001	EPA 3529B
Endrin Ketone	0.0	ug/l	03/12/2001	EPA 3520
Acetone	0.0	ug/l	03/12/2001	EPA 3520
Acrolein	0.0	ug/l	03/12/2001	EPA 3520
Acrylonitrile	0.0	ug/l	03/12/2001	EPA 3520
Benzene	0.0	ug/l	03/12/2001	EPA 3520
Bromobenzene	0.0	ug/l	03/12/2001	EPA 3520
Toxaphene	0.0	ug/l	03/12/2001	EPA 3520
Bromochloromethane	0.0	ug/l	03/12/2001	EPA 3520
Bromodichloromethane	0.0	ug/l	03/12/2001	EPA 3520
Bromoform	0.0	ug/l	03/12/2001	EPA 3520
Bromomethane-1242	0.0	ug/l	03/12/2001	EPA 3520
2-Butanone	0.0	ug/l	03/12/2001	EPA 3520
n-Butylbenzene	0.0	ug/l	03/12/2001	EPA 3520
sec-Butylbenzene	0.0	ug/l	03/12/2001	EPA 3520
tert-Butylbenzene	0.0	ug/l	03/12/2001	EPA 3520
Carbon disulfide	0.0	ug/l	03/12/2001	EPA 3520
Carbon Tetrachloride	0.0	ug/l	03/12/2001	EPA 3520
Chlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
Chlorethane	0.0	ug/l	03/12/2001	EPA 3520
2-Chloroethyl Vinyl Ether	0.0	ug/l	03/12/2001	EPA 3520
Chlorform	0.0	ug/l	03/12/2001	EPA 3520
Chlormethane	0.0	ug/l	03/12/2001	EPA 3520
2-Chlorotoluene	0.0	ug/l	03/12/2001	EPA 3520
4-Chlorotoluene	0.0	ug/l	03/12/2001	EPA 3520
Dibromochloromethane	0.0	ug/l	03/12/2001	EPA 3520
1.2-Dibromo-3-Chloropropane	0.0	ug/l	03/12/2001	EPA 3520
1,2-Dibromoethane	0.0	ug/l	03/12/2001	EPA 3520
Dibromomethane	0.0	ug/l	03/12/2001	EPA 3520
1,2-Dichlorobenzene-1242	0.0	ug/l	03/12/2001	EPA 3520
1,3-Dichlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
1,4-Dichorolbenzene	0.0	ug/l	03/12/2001	EPA 3520
Dichlorodiflouromethane	0.0	ug/l	03/12/2001	EPA 3520 EPA 3520
1,1-Dichloroethane	0.0	ug/l	03/12/2001	
1.3-Dichloropropene	0.0	ug/L	03/12/2001	EPA 3520
1,2-Dichloroethane	0.0	ug/l	03/12/2001	EPA 3520
1,1_Dichloroethane	0.0	/ ug/l	03/12/2001	EPA 3520
c-1,2-Dichloroethane3/12/01	0.0	ug/l	03/12/2001	EPA 3520 EPA 3520
t-1,2-Dichloroethene	0.0	ug/l	03/12/2001	EPA 3520
1,2-Dichloropropane	0.0	ug/l	03/12/2001	EPA 3520
2,2-Dichloropropane	0.0	ug/l ug/l	03/12/2001	EPA 3520
	0.0	ug/l ug/l	03/12/2001	EPA 3520
	0.0	ug/l	03/12/2001	EPA 3520
	0.0	ug/l	03/12/2001	EPA 3520
	0.0	ug/l	03/12/2001	EPA 3520
2-Hexanone	0.0	1 ug/i	00/12/2001	LI 7 0020

Isopropylhenzene	0.0	ug/l	03/12/2001	EPA 3520
Isopropylbenzene p-Isopropyltoluene	0.0	ug/i ug/l	03/12/2001	EPA 3520
Methylene chloride	0.0	ug/l	03/12/2001	EPA 3520
4-Methyl-2-Pentanone	0.0	ug/l	03/12/2001	EPA 3520
Napthalene	0.0	ug/l	03/12/2001	EPA 3520
n-Propylbenzene	0.0	ug/l	03/12/2001	EPA 3520
	0.0	ug/l	03/12/2001	EPA 3520
Styrene 1,1,1,2-Tetrachlroethane3/12/01	0.0	ug/l	03/12/2001	EPA 3520
1,1,2-Tetrachiroethane	0.0	ug/l	03/12/2001	EPA 3520
Tetrachloroethane	0.0	ug/l	03/12/2001	EPA 3520
Toulene	0.0	ug/l	03/12/2001	EPA 3520
1,2,3-Trichlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
1,2,4-Trichlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
1,1,1-Trichloroethane	0.0	ug/l	03/12/2001	EPA 3520
1,1,2-Trichloroethane	0.0	ug/l	03/12/2001	EPA 3520
Trichloroethene	0.0	ug/i ug/l	03/12/2001	EPA 3520
Trichlorofluoromethane	0.0	ug/l	03/12/2001	EPA 3520
	0.0	ug/l	03/12/2001	EPA 3520
1,2,3-Trichloropropane	0.0	ug/l	03/12/2001	EPA 3520
1,2,4-Trimethylbenzene	0.0	ug/l	03/12/2001	EPA 3520
Vinyl Acetate	0.0		03/12/2001	EPA 3520
Vinyl Chloride		ug/l	03/12/2001	EPA 3520
p/m-Xylene	0.0	ug/l	03/12/2001	EPA 3520
o-Xylene	0.0	ug/l	03/12/2001	EPA 3520
Methyl-tert-Butyl Ether	0.0	ug/l	03/12/2001	EPA 3520
N-Nitrosodimethylamine	0.0	ug/l	03/12/2001	EPA 3520
Analine		ug/l	03/12/2001	EPA 3520
Phenol Phenol	0.0	ug/l	03/12/2001	EPA 3520
Bis(2-Chloroethyl) Ether	0.0	ug/l	03/12/2001	EPA 3520
2-Chlorophenol	0.0	ug/l	03/12/2001	EPA 3520
1,3-Dichlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
1,4-Dichlorobenezene	0.0	ug/l	03/12/2001	EPA 3520
Benzyl Alchol	0.0	ug/l	03/12/2001	EPA 3520
1,2-Dichlorobezene	0.0	ug/l	03/12/2001	EPA 3520
2 in oary brieffor	0.0	ug/l	03/12/2001	EPA 3520
Bis(2-Chloroisopropyl) Ether	0.0	ug/l	03/12/2001	EPA 3520
3/4-Methylphenol	0.0	ug/l	03/12/2001	EPA 3520
N-Nitroso-di-n-prophylamine	0.0	ug/l	03/12/2001	EPA 3520
Hexachloroethane		ug/l	03/12/2001	EPA 3520
Nitrobenzene	0.0	ug/l	03/12/2001	EPA 3520
Isophorone	0.0	ug/l	03/12/2001	EPA 3520
Z-Millophenol		ug/l	03/12/2001	EPA 3520
2,4-Difficulty/prieffor	0.0	ug/l	03/12/2001	EPA 3520
Benzonic Acid	0.0	ug/l	03/12/2001	EPA 3520
Bis(-Chloroethoxy) Methane	0.0	ug/l	03/12/2001	EPA 3520
2,4-Dichlorophenol	0.0	ug/l		EPA 3520 EPA 3520
1,2,4-Trichlorobenzene	0.0	ug/l	03/12/2001	EPA 3520
1,3,5-Trimethylene Benzene	0.0	ug/l	03/12/2001	EPA 3520 EPA 3520
4-Chlorocaniline	0.0	ug/l	03/12/2001	EPA 3520 EPA 3520
Hexachloro-1,3 Butadiene	0.0	ug/l	03/12/2001	EPA 3520
4-Chloro-3-Methylphenol	0.0	ug/l	03/12/2001	EPA 3520
2 Welly maprical ene	0.0	ug/l	03/12/2001	EPA 3520 EPA 3520
Hexachlorocyclopentadiene	0.0	ug/l	03/12/2001	EPA 3520
2,4,6-Trichlorophenol- 2.4.5-Trichlorophenol-	0.0	ug/l	03/12/2001	EPA 3520
-1.10	0.0	ug/l		EPA 3520 EPA 3520
2-Chloronapthalene	0.0	ug/l	03/12/2001	EFA 3020

2-Nitroaniline	0.0	ug/l	03/12/2001	EPA 3520	
Dimethyl Phthalate	0.0	ug/l	03/12/2001	EPA 3520	
Acenaphthylene	0.0	ug/l	03/12/2001	EPA 3520	
3-Nitroaniline	0.0	ug/l	03/12/2001	EPA 3520	
Acenaphthene	0.0	ug/l	03/12/2001	EPA 3520	
2,4-Dinitrophenol1	0.0	ug/l	03/12/2001	EPA 3520	
4-Nitrophenol	0.0	ug/l	03/12/2001	EPA 3520	
Dibenzofuran	0.0	ug/l	03/12/2001	EPA 3520	
2,4-Dinitrotoulene	0.0	ug/l	03/12/2001	EPA 3520	
2,6-Dinitrotoulene	0.0	ug/l	03/12/2001	EPA 3520	
Diethy Pthalatel	0.0	ug/l	03/12/2001	EPA 3520	
4-Chlorophenyl-Phenyl Ether-	0.0	ug/l	03/12/2001	EPA 3520	,
Fluorene-	0.0	ug/l	03/12/2001	EPA 3520	
4-Nitroaniline	0.0	ug/l	03/12/2001	EPA 3520	
Azobenzene	0.0	ug/l	03/12/2001	EPA 3520	
4,6-Dinitiro-2-Methylphenol	0.0	ug/l	03/12/2001	EPA 3520	-
N-Nitrosodiphenylamine	0.0	ug/l	03/12/2001	EPA 3520	
4-Bromophenyl-Phenyl Ether	0.0	ug/l	03/12/2001	EPA 3520	
Hexachlorobenzene	0.0	ug/l	03/12/2001	EPA 3520	
Pentachlorophenol	0.0	ug/l	03/12/2001	EPA 3520	
Phenanthrene	0.0	ug/l	03/12/2001	EPA 3520	
Anthracene	0.0	ug/l	03/12/2001	EPA 3520	
Di-n-Butyl Phthalate	0.0	ug/l	03/12/2001	EPA 3520	
Fluoranthene	0.0	ug/l	03/12/2001	EPA 3520	
Benzidine	0.0	ug/l	03/12/2001	EPA 3520	
Pyrene	0.0	ug/l	03/12/2001	EPA 3520	
Pyridine	0.0	ug/l	03/12/2001	EPA 3520	
Butyl-Benzyl Phthalate	0.0	ug/l	03/12/2001	EPA 3520	
3,3'-Dichlorobenzidine	0.0	ug/l	03/12/2001	EPA 3520	
Benzo (a) Anthracene	0.0	ug/l	03/12/2001	EPA 3520	
Bis (2-Ethylhexy) Phthalate	0.0	ug/l	03/12/2001	EPA 3520	
Chrysene-	0.0	ug/l	03/12/2001	EPA 3520	
Di-n-Octyl Phthalate-	0.0	ug/l	03/12/2001	EPA 3520	
Benzo (b) Fluoranthene	0.0	ug/l	03/12/2001	EPA 3520	
Benzo (k) Fluoranthene	0.0	ug/l	03/12/2001	EPA 3520	
Benzo (k) Pyrene	0.0	ug/l	03/12/2001	EPA 3520	
Benzo (g,h,i) Perylene	0.0	ug/l	03/12/2001	EPA 3520	
Indeno (1,2,3-c,d) Pyrene	0.0	ug/l	03/12/2001	EPA 3520	
Dibenz (a,h) Anthracene-	0.0	ug/l	03/12/2001	EPA 3520	
1-Methylnaphthalene-	0.0	ug/l	03/12/2001	EPA 3520	

C) RETENTION BASIN PRIORITY PO				
				Frequency
				of
Constituent & Date of Sample	Concen	tration	Units	Analysis
	3rd Qtr	4th Qtr		
Date	08/07/2001	11/02/2001		
Part - The Samuel Control of the Samuel Cont		L	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Total Cyanide	0.049	ND	mg/l	Quarterly
Antimony	14.99	0.025	ug/l	Quarterly
Arsenic	14.99	3.88	ug/l	Quarterly
Barium			ug/l	Quarterly
Beryllium	0.99	ND	ug/l	Quarterly
Cadmium	2.49	0.099	ug/l	Quarterly
Chromium (Total)	7.0	0.666	ug/l	Quarterly
Chromium, Hexavalent				Quarterly
Cobalt				Quarterly
Copper	27.0	2.19	ug/l	Quarterly
Lead	4.99	0.239	ug/l	Quarterly
Mercury	0.49	ND ND	ug/l	Quarterly
Molybdenum				Quarterly
Nickel	5.00	4.32	ug/l	Quarterly
Selenium	14.99	ND	ug/l	Quarterly
Silver	1.99	ND	ug/l	Quarterly
Thallium	14.99	ND	ug/l	Quarterly
Vanadium			ug/l	Quarterly
Zinc	27.0	8.56	ug/l	Quarterly
Alpha-BHC	0.09	ND	mg/l	Quarterly
Gamma-BHC	0.09	ND	mg/l	Quarterly
Beta-BHC	0.09	ND	ug/l	Quarterly
Heptachlor	0.09	ND	ug/l	Quarterly
Delta-BHC	0.09	ND	ug/l	Quarterly
Aldrin	0.09	ND	ug/l	Quarterly
Heptachlor Epoxide	0.09	ND	ug/l	Quarterly
Endosulfan I	0.09	ND	ug/l	Quarterly
Dieldrin	0.09	ND	ug/l	Quarterly
4,4'-DDE	0.09	ND	ug/l	Quarterly
Endrin	0.09	ND	ug/l	Quarterly
Endrin Aldehyde	0.09	NĐ	ug/l	Quarterly
4,4'-DDD	0.09	ND	ug/l	Quarterly
Endosulfan II	0.09	ND	ug/l	Quarterly
4,4'DDT	0.09	ND	ug/l	Quarterly
Endosulfan Sulfate	0.09	ND	ug/l	Quarterly
Methoxychlor	0.09	ND	ug/l	Quarterly
Mirex		ND	ug/l	Quarterly
Toxaphane	175,43	ND	ug/l	Quarterly
Trans-nonachlor		ND	ug/l	Quarterly
2.4°DDD		ND	ug/l	Quarterly
2,4'-DDE		ND	ug/l	Quarterly
2,4'-DDT		ND	ug/l	Quarterly
Chlordane	0.99	ND	ug/l	Quarterly
Toxaphene	1.99	ND	ug/l	Quarterly
Aroctor-1016	0.9	ND	ug/l	Quarterly
Aroctor-1221	0.9	ND	ug/l	Quarterly

Aroctor-1232 0.9					
Arcotor 1248	Aroctor-1232	0.9	ND	ug/l	Quarterly
Arcotor 1248		0.9	ND		Quarterly
Aroctor-1260	Arcotor 1248	0.9	ND	ug/l	Quarterly
Aroctor-1262	Arcotor 1254	0.9	ND	ug/l	Quarterly
Endrin Ketone	Aroctor-1260	0.9	ND	ug/l	Quarterly
Endrin Ketone	Aroctor-1262	0.9		ug/l	Quarterly
Dis(2ethyhexyl) phthalate		0.09		ug/l	Quarterly
bis(2ethyhexyl) phthalate ND ug/l Quarterly Actone Actolein 42.0 13.0 ug/l Quarterly Actone Actolein ug/l Quarterly Quarterly Quarterly Pomochloromethane ug/l Quarterly Quarterly Quarterly Bromochloromethane 0.9 ND ug/l Quarterly Quarterly Pomochloromethane 0.9 ND ug/l Quarterly Quarterly Quarterly Pomodichloromethane 0.9 ND ug/l Quarterly Quarterly Quarterly Pomodichloromethane 0.9 ND ug/l Quarterly Quarterly Quarterly Quarterly Pomodichloromethane 0.9 ND ug/l Quarterly Quarterly Quarterly Quarterly Quarterly Pomodichloromethane 0.9 ND ug/l Quarterly Quarterl	2,3,7,8 TCDD		ND	ug/l	Quarterly
Acctone			ND	ug/l	Quarterly
Acrolein		42.0	13.0	ug/l	Quarterly
Acrylonitrile				ug/l	Quarterly
Benzene 0.49				ug/l	Quarterly
Bromochloromethane 0.9		0.49	ND	ug/l	Quarterly
Bromodichloromethane 0.9	Bromobenzene	0.9	ND	ug/l	Quarterly
Bromoform 0.9		0.9	ND	ug/l	Quarterly
Bromoform 0.9		0.9	1.4	ug/l	Quarterly
2-Butanone 9.99 ND ug/l Quarterly n-Butylbenzene 0.9 ND ug/l Quarterly sec-Butylbenzene 0.9 ND ug/l Quarterly tert-Butylbenzene 9.99 ND ug/l Quarterly Carbon disulfide 9.99 ND ug/l Quarterly Carbon Tetrachloride 0.49 ND ug/l Quarterly Chlorobenzene 0.9 ND ug/l Quarterly 4-Chlorethane ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly <th>Bromoform</th> <th>0.9</th> <th>ND</th> <th></th> <th>Quarterly</th>	Bromoform	0.9	ND		Quarterly
2-Butanone 9,99 ND ug/l Quarterly nebuylbenzene 0.9 ND ug/l Quarterly quarterly gec-Butylbenzene 0.9 ND ug/l Quarterly q	Bromomethane-1242	0.9	ND	ug/l	Quarterly
n-Butylbenzene 0.9 ND ug/l Quarterly sec-Butylbenzene 0.9 ND ug/l Quarterly tert-Butylbenzene 9.99 ND ug/l Quarterly Carbon disulfide 9.99 ND ug/l Quarterly Carbon disulfide 0.49 ND ug/l Quarterly Carbon disulfide 0.49 ND ug/l Quarterly Carbon disulfide 0.49 ND ug/l Quarterly Chlorothane 0.9 ND ug/l Quarterly Chlorothane 0.9 ND ug/l Quarterly Chlorothane ND ug/l Quarterly Chlorothane ND ug/l Quarterly Chlorothane ND ug/l Quarterly 2-methyl-4,6 dimitrophenol ND ug/l Quarterly 2-methyl-4,6 dimitrophenol ND ug/l Quarterly 2-methyl-4,6 dimitrophenol ND ug/l Quarterly		9.99	ND		Quarterly
sec-Butylbenzene 0.9 ND ug/l Quarterly tert-Butylbenzene 9.99 ND ug/l Quarterly Quarterly Quarterly Carbon disulfide 9.99 ND ug/l Quarterly Quarterly Quarterly Chlorobon Tetrachloride 0.49 ND ug/l Quarterly Quarterly Chlorobenzene 0.9 ND ug/l Quarterly Chlorodane-agamma ND ug/l Quarterly Qua	n-Butylbenzene	0.9	ND	ug/l	Quarterly
tert-Butylbenzene 9.99 ND ug/l Quarterly Carbon disulfide 9.99 ND ug/l Quarterly Carbon Tetrachloride 0.49 ND ug/l Quarterly Chlorobenzene 0.9 ND ug/l Quarterly Chlorothane 0.9 ND ug/l Quarterly 2-Chlorethane ND ug/l Quarterly 4-Chlorotane-alpha ND ug/l Quarterly Chlorodane-alpha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chlorotellue ND ug/l Quarterly 2-Chlorotelly Vinyl Ether ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9		0.9	ND		Quarterly
Carbon disulfide 9.99 ND ug/l Quarterly Carbon Tetrachloride 0.49 ND ug/l Quarterly Chlorobenzene 0.9 ND ug/l Quarterly Chlorethane 0.9 ND ug/l Quarterly 2-Chlorethane ND ug/l Quarterly 4-Chlorethane ND ug/l Quarterly 4-Chlorothane ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol 0.9 <th></th> <th>9.99</th> <th>ND</th> <th>ug/l</th> <th>Quarterly</th>		9.99	ND	ug/l	Quarterly
Chlorobenzene 0.9 ND ug/l Quarterly Chlorethane 0.9 ND ug/l Quarterly 2-Chlorethane ND ug/l Quarterly 4-Chlorethane ND ug/l Quarterly Chlorodane-alpha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chlorotothyl Vinyl Ether ug/l Quarterly Chloroform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 12-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenze		9.99	ND	ug/l	Quarterly
Chlorobenzene 0.9 ND ug/l Quarterly Chlorethane 0.9 ND ug/l Quarterly 2-Chlorethane ND ug/l Quarterly 4-Chlorethane ND ug/l Quarterly Chlorodane-alpha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chlorotethyl Vinyl Ether ug/l Quarterly Chloroform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 1,2-Dibromochloromethane 0.9 ND ug/l Quarterly 1,2-Dibromochloromethane 0.9 ND ug/l Quarterly 1,3-Dichlorob	Carbon Tetrachloride	0.49	ND	ug/l	Quarterly
2-Chlorethane ND ug/l Quarterly 4-Chlorethane ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chloroethyl Vinyl Ether ug/l Quarterly Chloroform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorobenzene 0.9 ND ug/l Quarterly <tr< th=""><th></th><th>0.9</th><th>ND</th><th>ug/l</th><th>Quarterly</th></tr<>		0.9	ND	ug/l	Quarterly
4-Chlorethane ND ug/l Quarterly Chlorodane-apha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chlorotethyl Vinyl Ether ug/l Quarterly Chloroform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 1.2-Dibromo-chloromethane 0.9 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l	Chlorethane	0.9	ND	ug/l	Quarterly
Chlordane-alpha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chloroethyl Vinyl Ether ug/l Quarterly Chlorform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 1.2-Dibromochloromethane 0.9 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichloroethane 0.9 ND	2-Chlorethane		ND	ug/l	Quarterly
Chlordane-alpha ND ug/l Quarterly Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chloroethyl Vinyl Ether ug/l Quarterly Chlorform 0.9 1.0 ug/l Quarterly Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 1.2-Dibromochloromethane 0.9 ND ug/l Quarterly 1.2-Dibromochloromethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorofibenzene 0.9 ND ug/l	4-Chlorethane		ND	ug/l	Quarterly
Chlorodane-gamma ND ug/l Quarterly 2-methyl-4,6 dinitrophenol ND ug/l Quarterly 2-Chloroethyl Vinyl Ether ug/l Quarterly Chlorform 0.9 1.0 ug/l Quarterly Chlorothane 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorobenzene 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/			ND	ug/l	Quarterly
2-Chloroethyl Vinyl Ether ug/l Quarterly Chlorform 0.9 1.0 ug/l Quarterly Chlormethane 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly Dibromochloromethane 0.9 ND ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1.2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloropethane	Chlorodane-gamma		ND	ug/l	Quarterly
Chlorform 0.9 1.0 ug/l Quarterly Chlormethane 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly Dibromochloromethane 0.9 ND ug/l Quarterly 1,2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly	2-methyl-4,6 dinitrophenol		ND	ug/l	Quarterly
Chlormethane 0.9 ND ug/l Quarterly 2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly Dibromochloromethane 0.9 1.9 ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,4-Dichorolthane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropane 0.9 ND ug/l Quarterly 0.9 ND ug/l 0.9	2-Chloroethyl Vinyl Ether			ug/l	Quarterly
2-Chlorotoluene 0.9 ND ug/l Quarterly 4-Chlorotoluene 0.9 ND ug/l Quarterly Dibromochloromethane 0.9 1.9 ug/l Quarterly 1.2-Dibromo-3-Chloropropane 4.99 ND ug/l Quarterly 1,2-Dibromoethane 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,2-Dichlorobenzene-1242 0.9 ND ug/l Quarterly 1,3-Dichlorobenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,4-Dichorolbenzene 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,1-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloroethane 0.9 ND ug/l Quarterly 1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropane 0.9 ND ug/l Quarterly	Chlorform	0.9	1.0	ug/l	Quarterly
4-Chlorotoluene0.9NDug/lQuarterlyDibromochloromethane0.91.9ug/lQuarterly1.2-Dibromo-3-Chloropropane4.99NDug/lQuarterly1,2-Dibromoethane0.9NDug/lQuarterlyDibromomethane0.9NDug/lQuarterly1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterly2,1-Dichloropropene0.9NDug/lQuarterly2,1-Dichloropropene0.9NDug/lQuarterly	Chlormethane	0.9	ND		Quarterly
Dibromochloromethane0.91.9ug/lQuarterly1.2-Dibromo-3-Chloropropane4.99NDug/lQuarterly1,2-Dibromoethane0.9NDug/lQuarterlyDibromomethane0.9NDug/lQuarterly1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterly2,2-Dichloropropene0.9NDug/lQuarterly2,1-Dichloropropene0.9NDug/lQuarterly2,1-Dichloropropene0.49NDug/lQuarterly	2-Chlorotoluene	0.9	ND	ug/l	
1.2-Dibromo-3-Chloropropane4.99NDug/lQuarterly1,2-Dibromoethane0.9NDug/lQuarterlyDibromomethane0.9NDug/lQuarterly1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethane0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterly	4-Chlorotoluene	0.9	ND	ug/l	Quarterly
1,2-Dibromoethane0.9NDug/lQuarterlyDibromomethane0.9NDug/lQuarterly1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	Dibromochloromethane				
Dibromomethane0.9NDug/lQuarterly1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	1.2-Dibromo-3-Chloropropane	4.99	ND	ug/l	Quarterly
1,2-Dichlorobenzene-12420.9NDug/lQuarterly1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	1,2-Dibromoethane	0.9	ND	ug/l	Quarterly
1,3-Dichlorobenzene0.9NDug/lQuarterly1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-Dichloropropane0.9NDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	Dibromomethane		ND	ug/l	
1,4-Dichorolbenzene0.9NDug/lQuarterlyDichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1_Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-DichloropropaneNDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	1,2-Dichlorobenzene-1242		ND		
Dichlorodiflouromethane0.9NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1-Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-DichloropropaneNDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	1,3-Dichlorobenzene				
1,1-Dichloroethane0.9NDug/lQuarterly1,2-Dichloroethane0.49NDug/lQuarterly1,1 Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-DichloropropaneNDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	1,4-Dichorolbenzene				
1,2-Dichloroethane0.49NDug/lQuarterly1,1 Dichloroethane0.9NDug/lQuarterlyc-1,2-Dichloroethane0.9NDug/lQuarterlyt-1,2-Dichloroethene0.9NDug/lQuarterly1,2-Dichloropropane0.9NDug/lQuarterly1,3-DichloropropaneNDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly	Dichlorodiflouromethane				
1,1_Dichloroethane 0.9 ND ug/l Quarterly c-1,2-Dichloroethane 0.9 ND ug/l Quarterly t-1,2-Dichloroethene 0.9 ND ug/l Quarterly 1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane ND ug/l Quarterly 2,2-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropene 0.9 ND ug/l Quarterly c-1,3-Dichloropropene 0.49 ND ug/l Quarterly	1,1-Dichloroethane		ND		
c-1,2-Dichloroethane 0.9 ND ug/l Quarterly t-1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane ND ug/l Quarterly 2,2-Dichloropropane 0.9 ND ug/l Quarterly 2,2-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropene 0.9 ND ug/l Quarterly c-1,3-Dichloropropene 0.49 ND ug/l Quarterly 0.49 ND ug/l Quarterly 0.49 ND ug/l Quarterly	1,2-Dichloroethane	0.49	ND	ug/l	
t-1,2-Dichloroethene 0.9 ND ug/l Quarterly 1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane ND ug/l Quarterly 2,2-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropene 0.9 ND ug/l Quarterly 1,1-Dichloropropene 0.9 ND ug/l Quarterly c-1,3-Dichloropropene 0.49 ND ug/l Quarterly	1,1_Dichloroethane		ND	ug/l	
1,2-Dichloropropane 0.9 ND ug/l Quarterly 1,3-Dichloropropane ND ug/l Quarterly 2,2-Dichloropropane 0.9 ND ug/l Quarterly 1,1-Dichloropropene 0.9 ND ug/l Quarterly c-1,3-Dichloropropene 0.49 ND ug/l Quarterly		0.9			
1,3-DichloropropaneNDug/lQuarterly2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly					
2,2-Dichloropropane0.9NDug/lQuarterly1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly		0.9	ND		
1,1-Dichloropropene0.9NDug/lQuarterlyc-1,3-Dichloropropene0.49NDug/lQuarterly					
c-1,3-Dichloropropene 0.49 ND ug/l Quarterly	2,2-Dichloropropane	****			
			**		
	c-1,3-Dichloropropene				
	t-1,3-Dichloropropene	0.49	ND	ug/l	Quarterly

Ethylbenzene	0.9	ND	ug/I	Quarterly
2-Hexanone	9.9	ND	ug/l	Quarterly
Isopropylbenzene	0.9	ND	ug/l	Quarterly
p-Isopropyltoluene	0.9	ND	ug/l	Quarterly
Methylene chloride	9.9	ND	ug/l	Quarterly
4-Methyl-2-Pentanone	9.9	ND	ug/l	Quarterly
Napthalene	9.9	ND	ug/l	Quarterly
n-Propylbenzene	0.9	ND	ug/l	Quarterly
Styrene	0.9	ND	ug/l	Quarterly
1,1,1,2-Tetrachlroethane	0.9	ND	ug/I	Quarterly
1,1,2,2-Tetrachlroethane	0.9	ND	ug/l	Quarterly
Tetrachloroethane	0.9	ND	ug/I	Quarterly
Toulene	0.9	ND	ug/l	Quarterly
1,2,3-Trichlorobenzene	0.9	ND	ug/l	Quarterly
1,2,4-Trichlorobenzene	0.9	ND	ug/l	Quarterly
1,1,1-Trichloroethane	0.9	ND	ug/l	Quarterly
1,1,2-Trichloroethane	0.9	ND	ug/l	Quarterly
Trichloroethene	0.9	ND	ug/l	Quarterly
Trichlorofluoromethane	9.9	ND	ug/l	Quarterly
1,2,3-Trichloropropane	4.9	ND	ug/l	Quarterly
1,2,4-Trimethylbenzene	0.9	ND	ug/l	Quarterly
Vinyl Acetate	9.99	ND	ug/l	Quarterly
Vinyl Chloride	0.49	ND	ug/l	Quarterly
	0.49	ND	ug/l	Quarterly
p/m-Xylene	0.9	ND	ug/l	Quarterly
o-Xylene	0.9	ND	ug/l	Quarterly
Methyl-tert-Butyl Ether	9.9	ND	ug/l	Quarterly
N-Nitrosodimethylamine	9.9	IND	ug/l	Quarterly
Analine Phenol	9.9	ND	ug/l	Quarterly
	24.9	ND	ug/l	Quarterly
Bis(2-Chloroethyl) Ether	9.9	ND	ug/l	Quarterly
2-Chlorophenol	9.9	IND	ug/I	Quarterly
1,3-Dichlorobenzene	9.9	-	ug/l	Quarterly
1,4-Dichlorobenezene	9.9		ug/l	Quarterly
Benzyl Alchol	9.9	-	ug/l	Quarterly
1,2-Dichlorobezene	9.9	<u> </u>	ug/l ug/l	Quarterly
2-Methylphenol		NIX		Quarterly
Bis(2-Chloroisopropyl) Ether	9.9	ND	ug/l	Quarterly
3/4-Methylphenol N. Nitroso-di-p-prophylamine	9.9	NTD.	ug/l	
14-141tt 030-d1-ii-propitytaniino	9.9	ND_	ug/l	Quarterly Quarterly
Hexachloroethane	9.9	NII	ug/l	
Nitrobenzene	24.9	ND	ug/l	Quarterly
Isophorone	9.9	ND	ug/l	Quarterly
2-Nitrophenol	9.9	ND ND	ug/l	Quarterly Quarterly
2,4-Difficulty/phenol	9.9	ND	ug/l	
Benzonic Acid	49.99	ļ	ug/l	Quarterly
Bis(-Chloroethoxy) Methane	9.9	-	ug/l	Quarterly
2,4-Dichlorophenol	9.9	ND_	ug/l	Quarterly
1,2,4-Trichlorobenzene	9.9		ug/l	Quarterly
Napthalene	9.9	ND	ug/l	Quarterly
4-Chlorooaniline	9.9	ND	ug/l	Quarterly
Hexachloro-1,3 Butadiene	9.9	ND	ug/l	Quarterly
4-Chloro-3-Methylphenol	9.9	ND	ug/l	Quarterly
2-Methylnaphtalene	9.9	ND	ug/l	Quarterly
Hexachlorocyclopentadiene	24.99	ND	ug/l	Quarterly
2,4,6-Trichlorophenol	9.9	ND	ug/l	Quarterly

Acces much received and a process of the second	9.9	Harry Market	ug/l	Quarterly
2,4,5-Trichlorophenol	9.9	ND	ug/l	Quarterly
2-Chloronapthalene	9.9	110	ug/l	Quarterly
2-Nitroaniline	9.9	ND	ug/l	Quarterly
Dimethyl Phthalate	9.9	ND	ug/l	Quarterly
Acenaphthylene	9.9	TAD .	ug/l	Quarterly
3-Nitroaniline	9.9	ND	ug/l	Quarterly
Acenaphthene	49.9	ND	ug/l	Quarterly
2,4-Dinitrophenol	9.9	ND	ug/l	Quarterly
4-Nitrophenol	9.9	IND	ug/l	Quarterly
Dibenzofuran	9.9	ND	ug/l	Quarterly
2,4-Dinitrotoulene	9.9	ND	ug/l	Quarterly
2,6-Dinitrotoulene	9.9	10.0	ug/l	Quarterly
Diethy Pthalatel	9.9	ND ND	ug/l	Quarterly
4-Chlorophenyl-Phenyl Ether	9.9	ND	ug/l	Quarterly
Fluorene	9.9	ND	ug/l	Quarterly
4-Nitroaniline	9.9	ND	ug/l	Quarterly
Azobenzene	49.9	TVD	ug/l	Quarterly
4,6-Dinitiro-2-Methylphenol	9.9		ug/l	Quarterly
N-Nitrosodiphenylamine	9.9		ug/l	Quarterly
4-Bromophenyl-Phenyl Ether	9.9	1.74	ug/l	Quarterly
Hexachlorobenzene	9.9	ND	ug/l	Quarterly
Pentachlorophenol	9.9	ND	ug/l	Quarterly
Phenanthrene	9.9	ND	ug/l	Quarterly
Anthracene Di-n-Butyl Phthalate	9.9	19.0	ug/l	Quarterly
Fluoranthene	9.9	ND ND	ug/l	Quarterly
Benzidine	49.9	ND	ug/l	Quarterly
Pyrene	9.9	1,2	ug/l	Quarterly
Pyridine	9.9	ND	ug/l	Quarterly
Butyl-Benzyl Phthalate	9.9	1.2	ug/l	Quarterly
3,3'-Dichlorobenzidine	24.9	ND	ug/l	Quarterly
Benzo (a) Anthracene	9.9		ug/l	Quarterly
Bis (2-Ethylhexy) Phthalate	9.9	57.0	ug/l	Quarterly
Chrysene-	9.9	ND	ug/l	Quarterly
Di-n-Octyl Phthalate-	9.9	ND	ug/l	Quarterly
Benzo (b) Fluoranthene	9.9	ND	ug/l	Quarterly
Benzo (a) Pyrene		ND	ug/l	Quarterly
Benzo (k) Fluoranthene	9.9	ND	ug/l	Quarterly
Benzo (k) Pyrene	9.9	ND	ug/l	Quarterly
Benzo (g,h,i) Perylene	9.9		ug/l	Quarterly
Indeno (1,2,3-c,d) Pyrene	9.9	ND	ug/l	Quarterly
Dibenz (a,h) Anthracene	9.9		ug/l	Quarterly
1-Methylnaphthalene	9.9	ND	ug/l	Quarterly
EPA Method 8290-2,3,7,8 TCDD	0.000049	ND	ng/ml	Quarterly
1-Methyphenanthrene		ND	ug/l	Quarterly
2,3,5Trimethylnapthalene		ND	ug/l	Quarterly
2,6 Dimethnapthalene	100 m	ND	ug/l	Quarterly
Benzolelpyrene			ug/l	Quarterly
Indeno (1,2,3-c,d) Pyrene		ND	ug/l	Quarterly
Perylene		ND	ug/l	Quarterly

					NPD	S Monitorini	g Data Sur	nmary 20	02			
		(2)(29-9-64)	- 1	ong Bea	ch Gener h Generat	ation LLC ing Station						
					2002				enigenson.		e a salan (Ke	
ischarge No. 001	<u>Jan</u>	Feb	<u>Mar</u>	Apr	<u>May</u>	Jun	<u>Jul</u>	Aug	<u>Sep</u>	Oct	<u>Nov</u>	<u>De</u>
ffluent		Sinchateers		10 ((001A) (0143	Sirvingskie	1000 X 100 X			Helicajaa	A 100 100 100 100 100 100 100 100 100 10		MANGE.
H (Max)	8.0	8.0	8.0	8.1	8.0	8.0	8.1	8.0	8.0	8.0 7.7	8.0 7.8	8.0 7.8
H (Min)	7.7	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.7			
low (Max) MGD low (Avg) MGD	61.2 60.35 6	93.2 35.493	74.3433	72 68.636	72.3 70.564	134.3 80.43	133.7 59.103	96.3 38.537	131.2 38.476	64.6 27.457	164.2 96	149. 61.7
									A CONTRACT	20712902		
irc. Water Discharge		2935	77.5	2000		70	1 75	01	77	79	84	72
emp (Max) °F emp (Min) °F	68 59	64 61	66 61	68 61	75 63	70 68	75 70	81 70	59	66	68	57
leat Treat Temp °F									150			
hlorine	anagadannasarikka	A Charles And Age		Managariya Y	Contract Co	ensatz i visconi		·	0.5200000000000000000000000000000000000		2000 PS	1612160
otal - Avg (mg/l)	0.05	0.09	0.07	0.10	0.18	0.05	0.09	0.10	0.12	0.06	0,15 0.19	0.0
otal - Max (mg/l) otal - Min (mg/l)	0.06	0.19	0.17	0.19 0.04	0.20	0.20 0.04	0.18	0.17 0.05	0.18 0.06	0.11	0.19	0.0
ree - Avg (mg/l)	0.04	0.08	0.06	0.12	0.16	0.05	0.08	0.09	0.11	0.06	0.12	0.0
ree - Max (mg/l)	0.05	0.18	0.16	0.20	0.19	0.19 0.04	0.17	0.16 0.05	0.16	0.08	0.19	0.0
ree - Min (mg/l)	0.04	0.03	0.04	0.05	0.10	0.04	1 0.04	0.00	0.00	1 0.04	, J. J.	3.0
										311 (1941 (1941) (1941 (1941)		recevilie Parage
		30 3428		ола Вез	ch Gener	ation LLC						
						ing Station		٠,			Mary?	
						neopologia (a						
	Jan	Feb	<u>Mar</u>	Apr	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep Sep	Oct	Nov	De
ow Volume Waste			225,000,000,000		2012							
H (Max)	7.8	7.9 7.8	7.8 7.8	7.9 7.9	7.8 7.8	7.6 7.6	7.7	7.7 7.7	7.9 7.8	7.9 7.9	7.8 7.7	7.8 7.8
H (Min)											4 8 8	14.
otal Suspended Solids - Max (mg/l) otal Suspended Solids - Avg (mg/l)	7.8 6.2	9.4 9.3	6.4 6.6	8.1 7.8	5.5 5.4	19.0 18.0	8.1 8.1	7.2 6.9	24.8 21.3	13.5 12.8	14.4 13.4	12.
oil & Grease-Max (mg/l)	2.6	ND	ND	ND	0.4	1.2	ND	ND	ND	ND	ND	NE
oil & Grease-Min (mg/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE NE
low Rate (MGD)	1.692	0.000	0.000	0.000	3.186	1.512	1.800	1.908	1.782	0.000	1.836	1.83
		257774201685398					rozgorzanie	Mary Mary Construction Conference	0.000,000,000,000	ACCEPTANCE OF THE SECOND		
					h Generat	ation LLC ing Station						
	Action West Co.	- 	(A) (B) (B) (A) (B)		2002				n a care			
	<u>Jan</u>	Feb	<u>Mar</u>	Apr	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep	<u>Oct</u>	Nov	<u>De</u>
il Recovery System		10 10000000000000000000000000000000000		a Landing Street	CHARLANDA VIOLEN	and the state of t	eres a consessant and	2004500000000000	elogaporst Autoria	CD500125002500	anasana karima	ineri espreste
low Rate (MGD)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.00
otal Suspended Solids - Max (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0,0
otal Suspended Solids - Avg (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ettleable Solids-Max (ml/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ettleable Solids-Avg (ml/l)		0.0		0.0	0.0	0.0			7000		1000	
.O.D Max (mg/l) .O.D Min (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0
iil & Grease-Max (mg/l)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
il & Grease-Min (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
urfactants (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
henolics, Total (mg/l) rsenic, Total (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
admium, Total (mg/l) hromium Hexavalent (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ead, Total (mg/l)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H (Max)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H (Mín)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRIORITY POLLUTANTS	Intal Annual A				tfall Average							
Arsenic	0.14	5		9.0	365							
Cadmium Chromium, Total	0.82	4		2	.1 ID							
Chromium, Hexavalent Copper	0.3 1.94				ID 09							
ead	0.10	ŝ		0.3	315 09							
lercury lickel	0.62	5		1.	16							
Selenium Silver	0.0				06 225							
bilvei												

RETENTION BASIN PRIORITY POL				received to		Frequency
						of
Constituent & Date of Sample		Conce	ntration		Units	Analysis
Constituent w Date of Cariffic	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr		
Date	01/17/2002	05/01/2002	08/13/2002	11/05/2002		
			~			
Antimony	0,01	0.064	0.01	0.107	ug/l	Quarterly
Arsenic	5.83	8.29	6.35	8.0	ug/l	Quarterly
Barium					ug/l	Quarterly
Beryllium	ND	ND	ND	ND	ng/l	Quarterly
Cadmium	ND	0.053	0.01	0.093	ug/l	Quarterly
Chromium (Total)	0.89	0.99	0.49	1.8	ug/l	Quarterly
Chromium, Hexavalent		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ng/l	Quarterly
Cobalt		3.1				Quarterly
Copper	1.95	2.13	2.35	21.4	ug/l	Quarterly
Lead	0.30	0.336	0.21	2.2	ug/l	Quarterly
Mercury	ND	ND	ND	ND	ug/l	Quarterly
Nickel	0.87	1.44	1.91	9.21	ug/l	Quarterly
Selenium	0.04	2.32	0.04	ND	ug/l	Quarterly
Silver	ND	ND	ND	ND	ug/l	Quarterly
Thallium	0.01	0.022	ND	ND	ug/l	Quarterly
Zinc	18.7	12.5	8.19	43.6	ug/l	Quarterly
parties of the state of the sta						
1,1,1,2-Tetrachlroethane	ND	ND	ND		ug/l	Quarterly
1.1.1-Trichloroethane	ND	ND	ND	ND	ug/l	Quarterly
1,1,2,2-Tetrachlroethane	ND	ND	ND	ND	ug/l	Quarterly
1,1,2-Trichloroethane	ND	ND.	ND	ND	ug/l	Quarterly
1,1-Dichloroethane	ND	ND	ND	ND	ug/l	Quarterl
1,1-Dichloropropene			ND	ND	ug/l	Quarterl
1.2.3-Trichlorobenzene		ND	ND	ND	ug/l	Quarterl
1,2,3-Trichloropropane		ND	ND	ND	ug/l	Quarterly
1,2,4-Trichlorobenzene	ND.	ND	ND	ND	ug/l	Quarterly
1,2,4-Triemerobenzene		ND	ND	ND	ug/l	Quarterl
1,2-Dibromoethane		ND	ND	ND	ug/l	Quarterl
1,2-Dichlorobenzene-1242		1,2			ug/l	Quarterl
1,2-Dichlorobezene	ND	ND	ND	ND	ug/l	Quarterl
1,2-Dichloroethane	ND	ND	ND	ND	ug/l	Quarterl
1,2-Dichloropropane	ND	ND	ND	ND	ug/l	Quarterl
	ND	1110	ND		ug/l	Quarterl
1,2-Diphenylhydrazine 1,3-Dichlorobenzene	ND	ND	ND	ND	ug/l	Quarterl
1,3-Dichlorobenzene 1,3,5-Trimethethylbenzene	TAD	ND	ND	ND	ug/l	Quarterl
1,3,5-Trimethethyloenzene 1,3-Dichloropropane		ND ND	ND	ND	ug/l	Quarterl
1,4-Dichlorobenezene	ND -	10.0	ND	13.3	ug/l	Quarterl
1.2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ng/l	Quarterl
The state of the s	ND	ND ND	THE		ng/l	Quarterl
1-Methylnaphthalene	ND ND	ND ND	-		ng/l	Quarterl
1-Methyphenanthrene	IND	ND ND	ND	ND	ng/l	Quarterl
2,2-Dichloropropane	ND	ND ND	1112	112	ng/l	Quarterl
2,3,5Trimethylnapthalene		ND ND	ND	ND	ng/l	Quarterl
2,3,7,8 TCDD 2,4,5-Trichlorophenol	nd	עא	TATA	ND	ng/l	Quarterl

O 4 & Think I constant	ND	ND	ND	ND	ng/l	Quarterly
2,4,6-Trichlorophenol 2,4'-DDE	ND	ND ND	TVD	1112	ng/l	Quarterly
2,4'-DDE 2,4'-DDT	ND ND	ND			ng/l	Quarterly
2,4-DD1 2,4-Dichlorophenol	ND	ND	ND	ND	ng/l	Quarterly
	ND	ND	ND ND	ND	ng/l	Quarterly
2,4-Dimethylphenol	ND_	ND	ND	ND	ng/l	Quarterly
2,4-Dinitrophenol 2,4-Dinitrotoulene	ND	ND ND	ND ND	ND	ng/l	Quarterly
The state of the s	9.3	ND	TVD .	110	ng/l	Quarterly
2,6 Dimethnapthalene	82.0	ND	ND	ND	ng/l	Quarterly
2,6-Dinitrotoulene	ND	ND ND	ND	ND	ng/l	Quarterly
2.4'-DDD	· ND	ND ND	ND	ND	ug/l	Quarterly
2-Butanone		ND	ND	ND	ng/l	Quarterly
2-Cinoreulane	ND	ND		ND	ng/l	Quarterly
2-Chiorochiyi viliyi Luici	ND ND	ND	ND	ND	ng/l	Quarterly
2-Chloronapthalene	ND ND	ND ND	ND ND	ND	ug/l	Quarterly
2-Chlorophenol	ND .	ND	ND I	ND	ug/l	Quarterly
2-Chlorotoluene		ND ND	ND ND	ND	ug/l	Quarterly
2-Hexanone	ND	ND	ND ND	ND	ng/l	Quarterly
2-methyl-4,6 dinitrophenol		ND ND	ND	ND .	ng/I	Quarterly
2-Methylnaphtalene	5.0	עא			ng/I	Quarterly
2-Methylphenol					ng/l	Quarterly
2-Nitroaniline	3775	ND	NID	ND	ng/l	Quarterly
2-Nitrophenol	ND_	ND	ND ND	ND ND	ng/l	Quarterly
3,3'-Dichlorobenzidine	ND		ND	ND	ng/l	Quarterly
3/4-Methylphenol				· · · · · · · · · · · · · · · · · · ·		Quarterly
3-Nitroaniline	NTD	NID	NTO	ND	ng/l ng/l	Quarterly
4,4'-DDD	ND	ND ND	ND ND	ND	ng/l	Quarterly
4,4'-DDE	ND_	ND	ND ND	ND ND	ng/l	Quarterly
4,4'DDT	ND	ND _	UD	ND		Quarterly
4,6-Dinitiro-2-Methylphenol		7112	NID	ND	ng/l	Quarterly
4-Bromophenyl-Phenyl Ether	ND	ND	ND	עאַן	ng/l	Quarterly
4-Chlorethane			NES	NID	ng/l	Quarterly
4-Chloro-3-Methylphenol	ND	ND	ND	ND	ng/l	Quarterly
4-Chlorooaniline		NTD.	NID	NII)	ng/l	Quarterly
4-Chlorophenyl-Phenyl Ether	ND	ND	ND	ND	ng/l	Quarterly
4-Chlorotoluene		ND ND	ND		ug/l	Quarterly
4-Methyl-2-Pentanone		ND	ND		ug/l	Quarterly
4-Nitroaniline		NID	NID	ND	ng/l ng/l	Quarterly
4-Nitrophenol	ND	ND	ND ND			Quarterly
Acenaphthene	ND _	ND	ND ND	ND ND	ug/l	Quarterly
Acenaphthylene	ND	ND	ND	ND	ng/l	Quarterly
Acetone		ND	ND	NID	ug/l	
Acrolein	 	ND		ND	ng/l	Quarterly
Acrylonitrile		ND) I	ND	ng/l	Quarterly Quarterly
Aldrin	ND	ND	ND ND	ND	ng/l	
Alpha-BHC	ND	ND	ND	ND	ng/l	Quarterly Quarterly
Analine		1) T	NID	ng/l	
Anthracene	ND	ND	ND	ND	ng/l	Quarterly Quarterly
Arcotor 1248	ND	ND	ND	ND ND	ng/l	
Arcotor 1254	ND	ND	ND	ND	ng/l	Quarterly
Aroctor-1016	ND	ND	ND	ND.	ng/l	Quarterly
Aroctor-1221	ND	ND_	ND ND	ND ND	ng/l	Quarterly
Aroctor-1232	ND	ND	ND	ND	ng/l	Quarterly

Aroctor-1242	ND	ND	ND	ND	ng/l	Quarterly
Aroctor-1260	ND	ND	ND	ND	ng/l	Quarterly
Aroctor-1262			14.4		ng/l	Quarterly
Azobenzene	ND	ND		ND	ng/l	Quarterly
Benzene	ND	ND	ND	ND	ug/l	Quarterly
Benzidine	ND	ND	ND	ND	ng/I	Quarterly
Benzo (a) Anthracene	ND	ND	ND	ND	ng/l	Quarterly
Benzo (a) Pyrene	ND	ND	ND	ND	ng/l	Quarterly
Benzo (b) Fluoranthene	ND	ND	ND	ND	ng/l	Quarterly
Benzo (e) Pyrene	ND	ND			ng/l	Quarterly
Benzo (g,h,i) Perylene	ND	ND	ND	ND	ng/l	Quarterly
Benzo (k) Fluoranthene	ND	ND	ND	ND	ng/l	Quarterly
Benzo (k) Pyrene	112				ng/l	Quarterly
Benzolelpyrene			:		ng/l	Quarterly
Benzonic Acid		44.	:4:1		ng/l	Quarterly
Benzyl Alchol			· · · · · · · · · · · · · · · · · · ·		ng/l	Quarterly
Beta-BHC	ND	ND	ND	ND	ng/l	Quarterly
Biphenyl	2.7	ND			ng/l	Quarterly
Bis (2-Ethylhexy) Phthalate	108.0	65.0	157.0	76.7	ng/l	Quarterly
Bis(2-Chloroethyl) Ether	ND	ND	ND	ND	ng/l	Quarterly
Bis(2-Chloroisopropyl) Ether	ND	ND	ND	ND	ng/l	Quarterly
bisbenzyl phthalate	40.0	112	ND	-,	ng/l	Quarterly
Bis(-Chloroethoxy) Methane	ND	ND	ND	ND	ng/l	Quarterly
Bromobenzene	TUD	ND	ND	ND	ug/l	Quarterly
Bromochloromethane		ND	ND	ND	ug/l	Quarterly
Bromodichloromethane	ND	ND	ND	2.0	ug/l	Quarterly
Bromoform	ND	ND ND	ND	ND	ug/l	Quarterly
Bromomethane	ND	ND	ND	ND	ng/l	Quarterly
Butyl-Benzyl Phthalate	ND	19.0	ND	24.9	ug/l	Quarterly
c-1,2-Dichloroethane	ND	ND	ND	ND	ug/l	Quarterly
c-1,3-Dichloropropene	ND	ND	ND	ND	ug/l	Quarterly
C-Xylene	ND .	ND		ND	ug/l	Quarterly
Carbon disulfide		ND	ND	ND	ng/l	Quarterly
Carbon Tetrachloride	ND	ND	ND	ND	ng/l	Quarterly
Chlordane	TVD	712		gara Ay.	ng/l	Quarterly
Chlordane-alpha	ND	ND	ND	ND	ng/l	Quarterly
Chlorodane-gamma	ND	ND	ND	ND	ng/l	Quarterly
Chlorethane	1,12	ND	ND	ND	ng/l	Quarterly
Chlorform	ND	ND	ND	1.0	ng/l	Quarterly
Chlormethane	ND	ND	ND	ND	ug/l	Quarterly
Chlorobenzene	ND	ND	ND	ND	ug/l	Quarterly
Chlorodane-alpha	ND	1,12		ND	ng/l	Quarterly
Chlorodane-gamma	ND			ND	ng/l	Quarterly
Chrysene-	ND	ND	ND	ND	ng/l	Quarterly
Delta-BHC	ND	ND	ND	ND	ng/l	Quarterly
Dibenz (a,h) Anthracene	ND	ND ND	ND ND	ND	ng/l	Quarterly
Dibenzofuran	1117	112			ng/l	Quarterly
Dibromochloromethane	ND	ND	ND	2.7	ug/l	Quarterly
Dibromomethane	1,10	ND	ND	ND	ug/l	Quarterly
Dichlorodiflouromethane		ND ND	ND	ND	ng/l	Quarterly
Dieldrin	ND	ND ND	ND	ND	ng/l	Quarterly
Diethy Pthalatel	20.0	39.0	57.0	25.7	ng/l	Quarterly

Dimethyl Phthalate	ND	ND	ND	ND	ng/l	Quarterly
Di-n-Butyl Phthalate	128.0	40.0	30.0	63.9	ng/l	Quarterly
Di-n-Octyl Phthalate-	10.0	ND	ND	ND	ng/l	Quarterly
Endosulfan I	ND	ND	ND	ND	ng/l	Quarterly
Endosulfan II	ND	ND	ND	ND	ng/l	Quarterly
	ND	ND	ND	ND	ng/l	Quarterly
Endosulfan Sulfate	ND	ND ND	ND	ND	ng/l	Quarterly
Endrin	ND	ND ND	ND	ND	ng/l	Quarterly
Endrin Aldehyde	ND ND	IND	1110	112	ng/l	Quarterly
Endrin Ketone	ND				ng/l	Quarterly
EPA Method 8290-2,3,7,8 TCDD	ND	ND	ND	ND	ug/l	Quarterly
Ethylbenzene	3.8	ND	4.1	ND	ng/l	Quarterly
Fluoranthene	ND	ND ND	11.1	ND	ng/l	Quarterly
Fluorene		ND ND	ND	ND	ng/l	Quarterly
Gamma-BHC	ND	ND ND	ND	ND	ng/l	Quarterly
Heptachlor	ND	ND ND	ND	ND	ng/l	Quarterly
Heptachlor Epoxide	ND	ND	ND	IND	ng/l	Quarterly
Hexachloro-1,3 Butadiene	NID	NID	ND		ng/l	Quarterly
Hexachloralbutadiene	ND_	ND	ND	ND	ng/l	Quarterly
Hexachlorobenzene	ND	ND	ND	ND ND	ng/l	Quarterly
Hexachlorocyclopentadiene	ND_	ND	ND ND	ND	ng/l	Quarterly
Hexachloroethane	ND ND	ND ND	ND	ND ND	ng/l	Quarterly
Indeno (1,2,3-c,d) Pyrene	ND	ND ND	ND ND	ND ND	ng/l	Quarterly
Isophorone	ND	ND ND	ND ND	ND ND	ug/l	Quarterly
Isopropylbenzene	3770	ND	ND	ND	ng/l	Quarterly
Methoxychlor	ND	ND	NID	ND	ug/l	Quarterly
Methylene chloride	ND	ND	ND	ND ND	ug/l	Quarterly
Methyl-tert-Butyl Ether	ND	ND	ND	ND		Quarterly
Mirex	ND	ND	<u> </u>		ng/l ng/l	Quarterly
Molybdenum		ND	20.4	ND	ug/l	Quarterly
Napthalene	6.5	ND ND	29.4	IND	ug/1	Quarterly
		NID.	NID		ng/l	Quarterly
n-Butylbenzene	NTD.	ND	ND ND	ND	ug/l	Quarterly
Nitrobenzene	ND	ND	ND	ND ND	ng/l	Quarterly
N-Nitrosodimethylamine	ND_	ND	ND ND	ND ND	ng/l	Quarterly
N-Nitroso-di-n-prophylamine	ND ND	ND ND	ND ND	ND	ng/l	Quarterly
N-Nitrosodiphenylamine	ND		ND ND	ND ND	ug/l	Quarterly
n-Propylbenzene	ND	ND ND		ND ND	ug/l	Quarterly
o-Xylene	ND	ND ND	ND	ND ND	ng/l	Quarterly
p/m-Xylene		ND	ND			Quarterly
Pentachlorophenol	ND	ND	ND	ND	ng/l	Quarterly
Perylene	ND	ND	11.7	ND	ng/l	Quarterly
Phenanthrene	ND	ND	11.7	ND	ng/l	Quarterly
Phenol	ND	ND	ND	ND	ng/l	Quarterly
p-Isopropyltoluene		ND	ND_	ND	ug/l	
Pyrene	6.4	ND	10.1	ND	ng/l	Quarterly Quarterly
Pyridine	· · · · · · · · · · · · · · · · · · ·	277	ATTS	NID	ng/l	Quarterly
sec-Butylbenzene		ND ND	ND	ND ND	ug/l	Quarterly
Styrene	. 3	ND	ND	ND ND	ug/l	Quarterly
t-1,2-Dichloroethene	ND	ND	ND	ND ND	ng/l	Quarterly
t-1,3-Dichloropropene	ND	ND	ND	ND ND	ug/l	Quarterly
tert-Butylbenzene	3 7**	ND ND	ND	ND	ng/l	
Tetrachloroethane	ND	ND	ND	ND	ug/l	Quarterly

Total Cyanide		ND		ND	mg/l	Quarterly
Total Detectable PAHs	33.7	0.0			ng/l	Quarterly
Toulene	ND	ND	ND	ND	ng/l	Quarterly
Toxaphene	ND	ND	ND	ND	ng/l	Quarterly
Trans-nonachlor	ND	ND			ng/l	Quarterly
Trichloroethene	ND	ND	ND	ND	ug/l	Quarterly
Trichlorofluoromethane	ND	ND	ND	ND	ug/l	Quarterly
Vinyl Acetate		ND	ND	ND	ug/l	Quarterly
Vinyl Chloride	ND	ND	ND	ND	ug/l	Quarterly

2003				Long Bea Long Beac	and the Contract of	A 1 4 4 1	4				\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	
Discharge No. 001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Discharge No. 001	<u> </u>											
Effluent	an firm of				1,140,000			Property.	A.B. NAS			CONTROL CONTROL CONTROL
pH (Max)	8.0	8.0	8.0	7.9	7.9	8.1	8.0 7.9	7.9 7.8	7.9 7.8	7.7 7.6	7.9 7.8	7.9 7.8
pH (Min)	7.9	7.9	7.8	7.7	7.7	8.0	7.9	7.8	7.8	7.0	1.8	7.0
Flow (Max) MGD	89.9	72.4	131.2	71.9	131	131.1	162.7	182.1	131.4	95.6	72.5	131.5
Flow (Max) MGD Flow (Avg) MGD	67.219	61.917	68.72	60.4467	68.2	64.343	81.17	98.093	87.347	65.017	65.967	69.67
Flow (Avg) was	107.2.0	01.017	deservation to			Tale Salar					on one a	
Circ. Water Discharge	September 200 Company						an Libr	8 J. M. O	445 W 10 C	January I	100	
		100700					PEN PRIM			0.000	JACO	
Temp (Max) °F	79	73	70	72	73	72	81	81	72	73	68	77
Temp (Min) °F	63	66	68	64	66	66	72	66	68	68	66	63
Heat Treat Temp °F			225	netrosener Architectus (netros de la colo	era a recurso de Normanio de Araba	navorostvojanovski slotikli	windship General Colonia (Augusta)	solitare entre con spanse	contentary content of the last	Manufacture Control (Control (senimorousemetros	Las skinanne som mensena
						70. 74.04(8.0)	Received to the	er en en en en en	SCHOOL NEW			
Chlorine			CONTRACTOR S		SANTAN PROPERTY.	Secure Chicago	CARLONSON CONTRACT	alaten laska ir			(102100) (4324)	100000000000000000000000000000000000000
Total - Avg (mg/l)	0.15	0.04	0.12	0.05	0.10	0.16	0.12	0.15	0.08	0.08	0.06	0.05
Total - Max (mg/l)	0.20	0.06	0.12	0.09	0.20	0.20	0.19	0.20	0.15	0.20	0.09	0.07
Total - Miax (mg/l)	0.07	0.03	0.06	0.03	0.04	0.07	0.04	0.04	0.04	0.04	0.04	0.03
Total Till (Tigh)			or you welcome				e e projekte e					
Free - Avg (mg/l)	0.12	0.04	0.09	0.06	0.10	0.15	0.10	0.13	0.07	0.06	0.06	0.05
Free - Max (mg/l)	0.19	0.05	0.17	0.13	0.19	0.19	0.15	0.19	0.13	0.17	0.08	0.07
Free - Min (mg/l)	0.03	0.03	0.05	0.04	0.04	0.06	0.04	0.04	0.03	0.03	0.03	0.03
				Long Bea Long Beacl	1 1 1 1 1 1 1 N	a Maria da Comencia de Come						
	- W - No - Store				2003							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Low Volume Waste						1919-1919		<u>, - 1, - 1</u>	机铁铁 拼凑		Sifter HAL	
											Control of the last of the las	
pH (Max)	7.7	7.8	7.7	7.7	7.7	7.8	8.0	7.9	7.8	7.8	7.8	8.2
pH (Min)	7.7	7.8	7.7	7.7	7.6	7.8	8.0	7.9	7.8	7.7	7.6	8.2
							00 -	400	7.0	100		110
Total Suspended Solids - Max (mg/l)	2.1	16.5	6.7	23.8	13.8	24.1	29.5	13.8 13.3	7.6 7.5	10.0 9.7	8.2 6.1	11.2
Total Suspended Solids - Avg (mg/l)	2.0	15.3	5.5	12.3	13.7	21.8	27.1	13.3	1.5	3./	0.1	10.5
Oil & Grease-Max (mg/l)	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND
Oil & Grease-Min (mg/l)	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND
Oil & Gredoc Ivilli (Irig/I)		1.5	110				San Aller					
Flow Rate (MGD)	1.656	2.304	1.926	0.954	1.620	1.764	2.700	4.500	0.000	3.024	1.260	1.170

D) RETENTION BASIN PRIORITY PO		T			
					Frequency
					of
Constituent & Date of Sample		Concentration		Units	Analysis
	1st Qtr	2nd Qtr	3rd Qtr		
Date	2/5/03	5/7/03	8/6/03		
Antimony	0.032	0.21	0.11	ug/l	Quarterly
Arsenic	5.490	8.51	7.52	ug/l	Quarterly
Barium	-		1	ug/l	Quarterly
Beryllium	ND	ND	ND	ng/l	Quarterly
Cadmium	0.018	0.03	ND	ug/l	Quarterly
Chromium (Total)	ND	0.85	1.56	ug/l	Quarterly
Chromium, Hexavalent	0.385			ng/l	Quarterly
Cobalt				<u> </u>	Quarterly
Copper	1.710	1.53	2.27	ug/l	Quarterly
Cyanide	ND			ug/l	Quarterly
Lead	0.064	0.2	0.248	ug/l	Quarterly
Mercury	0.048	0.0	0.057	ug/l	Quarterly
Nickel	1.54	1.73	1.37	ug/l	Quarterly
Selenium	ND	ND	0.06	ug/l	Quarterly
Silver	ND	ND	ND	ug/l	Quarterly
Thallium	ND	ND	ND	ug/l	Quarterly
Zinc	8.91	15.9	12.00	ug/l	Quarterly
Zuic	: 0.71	10.9 (30.)	12.00	ug/1	Quarterry
1,1,1,2-Tetrachlroethane	ND	ND		ug/l	Quarterly
1,1,1-Trichloroethane	ND	ND	ND	ug/l	Quarterly
1,1,2,2-Tetrachlroethane	ND	ND	ND	ug/l	Quarterly
1,1,2-Trichloroethane	ND	ND	ND	ug/I	Quarterly
1,1-Dichloroethane	ND	ND	ND	ug/l	Quarterly
1,1 Dichloroethylene	ND		44 T I		
1,1-Dichloropropene			4.75	ug/l	Quarterly
1,2,3-Trichlorobenzene			1-1	ug/l	Quarterly
1,2,3-Trichloropropane		:		ug/l	Quarterly
1,2,4-Trichlorobenzene	ND	ND	ND	ug/l	Quarterly
1,2,4-Trimethylbenzene	\	1 Fig. (A)	4.3	ug/l	Quarterly
1,2-Dibromoethane	ND		1137414.	ug/l	Quarterly
1,2-Dichlorobenzene-1242			100	ug/l	Quarterly
1,2-Dichlorobezene	ND	ND	ND	ug/l	Quarterly
1,2-Dichloroethane	ND	ND	ND	ug/l	Quarterly
1,2-Dichloropropane	ND	ND	ND	ug/l	Quarterly
1,2-Diphenylhydrazine	ND		*	ug/l	Quarterly
1,2-Trans-Dichloroethylene	ND	. V		ug/l	Quarterly
1,3-Dichlorobenzene	ND	ND	ND	ug/l	Quarterly
1,3-Dichloropropylene	ND				<u> </u>
1,3,5-Trimethethylbenzene	1,2		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/l	Quarterly
1,3-Dichloropropane				ug/l	Quarterly
1,4-Dichlorobenezene	ND	ND	ND	ug/l	Quarterly
1.2-Dibromo-3-Chloropropane		1		ng/l	Quarterly
1-Methylnaphthalene	ND	1, 171, 18	1.01	ng/l	Quarterly
1-Methyphenanthrene	ND ND	74 E E E		ng/l	Quarterly
2,2-Dichloropropane	1112			ng/l	Quarterly
2,3,5 Trimethylnapthalene	ND			ng/l	Quarterly
7, المركبي Trinicurymapuraiene	111/		l		~ mm mis

G G G G G G G G G G G G G G G G G G G	NITS.	NT	ND	n ~/I	Quarterly
2,3,7,8 TCDD	ND	ND	ND	ng/l	Quarterly
2,4,5-Trichlorophenol	. NID	NTD.	ND	ng/l ng/l	Quarterly
2,4,6-Trichlorophenol	ND	ND	ND		Quarterly
2,4'-DDD	ND:		ND	ng/l	Quarterly
2,4'-DDE	ND	ND	ND ND	ng/l	Quarterly
2,4-DDT	ND ND	ND ND		ng/l	Quarterly
2,4-Dichlorophenol	ND	ND	ND	ng/l	Quarterly
2,4-Dimethylphenol	ND	ND	ND	ng/l	
2,4-Dinitrophenol	ND	ND	ND	ng/l	Quarterly Quarterly
2,4-Dinitrotoulene	ND	ND	ND	ng/l	
2,6 Dimethnapthalene	ND).TC	NTD.	ng/l	Quarterly
2,6-Dinitrotoulene	ND	ND	ND	ng/l	Quarterly
2,4'-DDD	ND	ND		ng/l	Quarterly
2-Butanone				ug/l	Quarterly
2-Chlorethane		ļ		ng/l	Quarterly
2-Chloroethyl Vinyl Ether	ND	ND	ND	ng/l	Quarterly
2-Chloronapthalene	ND	ND	ND	ng/l	Quarterly
2-Chlorophenol	ND	ND	ND	ug/l	Quarterly
2-Chlorotoluene		ļ		ug/l	Quarterly
2-Hexanone				ug/l	Quarterly
2-methyl-4,6 dinitrophenol	ND	ND	ND	ng/l	Quarterly
2-Methylnaphtalene	ND			ng/l	Quarterly
2-Methylphenol		<u> </u>		ng/l	Quarterly
2-Nitroaniline				ng/l	Quarterly
2-Nitrophenol	. ND	ND	ND	ng/l	Quarterly
3,3'-Dichlorobenzidine	ND .	ND	ND	ng/l	Quarterly
3,4-Methylphenol				ng/l	Quarterly
3-Methyl-4-Chlorophenol	ND			ng/l	Quarterly
3-Nitroaniline				ng/l	Quarterly
4,4'-DDD	ND	ND	ND	ng/l	Quarterly
4,4'-DDE	ND	ND	ND	ng/l	Quarterly
4,4'DDT	ND	ND	ND	ng/l	Quarterly
4,6-Dinitiro-2-Methylphenol				ng/l	Quarterly
4-Bromophenyl-Phenyl Ether	ND	ND	ND	ng/I	Quarterly
4-Chlorethane		ļ		ng/l	Quarterly
4-Chloro-3-Methylphenol		ND	ND	ng/l	Quarterly
4-Chlorooaniline				ng/l	Quarterly
4-Chlorophenyl-Phenyl Ether	ND	ND	ND	ng/l	Quarterly
4-Chlorotoluene				ug/l	Quarterly
4-Methyl-2-Pentanone				ug/l `	Quarterly
4-Nitroaniline				ng/l	Quarterly
4-Nitrophenol	ND	ND	ND	ng/l	Quarterly
Acenaphthene	ND	ND	ND	ug/l	Quarterly
Acenaphthylene	ND	ND	ND	ng/l	Quarterly
Acetone				ug/l	Quarterly
Acrolein	ND	ND	ND	ng/l	Quarterly
Acrylonitrile	ND	ND	ND	ng/l	Quarterly
Aldrin	ND	ND		ng/l	Quarterly
Alpha-BHC	ND	ND	ND	ng/l	Quarterly
Alpha-Endosulfan	ND			ng/l	Quarterly
Analine		<u> </u>		ng/l	Quarterly
Anthracene	ND	ND	ND	ng/l	Quarterly
Arcotor 1248	ND	ND	ND	ng/l	Quarterly
Arcotor 1254	ND	ND	ND	ng/l	Quarterly
Aroctor-1016	ND	ND	ND	ng/l	Quarterly

area de arregados de carregados de como de com	ND	ND -	ND	ng/l	Quarterly
Aroctor-1221	ND	ND ND	ND ND	ng/l	Quarterly
Aroctor-1232	ND	ND,	ND ND	ng/l	Quarterly
Aroctor-1242	ND ND	ND ND	ND ND	ng/l	Quarterly
Aroctor-1260	ND	ND	ND	ng/l	Quarterly
Aroctor-1262			1 2	ng/l	Quarterly
Azobenzene	NTD.	· NID	NID	ug/l	Quarterly
Benzene	ND	ND	ND	ng/l	Quarterly
Benzidine	ND	ND ND	ND ND	ng/l	Quarterly
Benzo (a) Anthracene	ND		ND ND	ng/l	Quarterly
Benzo (a) Pyrene	ND_	ND			Quarterly
Benzo (b) Fluoranthene	ND	ND	ND	ng/l	Quarterly
Benzo (e) Pyrene	ND_	ND	ND	ng/l	
Benzo (g,h,i) Perylene	ND	ND_	ND	ng/l	Quarterly
Benzo (k) Fluoranthene	ND	ND	ND	ng/l	Quarterly
Benzo (k) Pyrene		· ·		ng/l	Quarterly
Benzolelpyrene		·		ng/l	Quarterly
Benzonic Acid		ļ		ng/l	Quarterly
Benzyl Alchol				ng/l	Quarterly
Beta-BHC	ND	ND	ND	ng/l	Quarterly
Beta-Endosulfan	ND		ļ	ng/l	Quarterly
Biphenyl	ND			ng/l	Quarterly
Bis (2-Ethylhexy) Phthalate	0.1	ND	80.4	ng/l	Quarterly
Bis(2-Chloroethyl) Ether	ND	ND	ND	ng/l	Quarterly
Bis(2-Chloroisopropyl) Ether	ND	ND	ND ND	ng/l	Quarterly
Bis(2-Ethylhexy) Phthalate		302.0		ng/l	Quarterly
bisbenzyl phthalate	·			ng/l	Quarterly
Bis(-Chloroethoxy) Methane		ND	ND	ng/l	Quarterly
Bromobenzene				ug/l	Quarterly
Bromochloromethane				ug/l	Quarterly
Bromodichloromethane	1.8	ND	1.5	ug/l	Quarterly
Bromoform	1.5	ND	ND	ug/l	Quarterly
Bromomethane	ND	ND	ND	ng/l	Quarterly
Butyl-Benzyl Phthalate	0.0	42.0	ND	ug/l	Quarterly
c-1,2-Dichloroethane	ND		ND	ug/l	Quarterly
c-1,3-Dichloropropene	ND	ND	ND	ug/l	Quarterly
C-Xylene				ug/l	Quarterly
Carbon disulfide				ng/l	Quarterly
Carbon Tetrachloride	ND	ND	ND	ng/l	Quarterly
Chlordane	ND			ng/l	Quarterly
Chlordane-alpha	ND	ND	ND	ng/l	Quarterly
Chlorodane-gamma	ND	ND	ND	ng/l	Quarterly
Chlorethane	ND	ND	ND _	ng/l	Quarterly
Chlorform	ND	ND	ND	ng/l	Quarterly
Chlormethane		ND	ND	ug/l	Quarterly
Chlorobenzene	ND	ND	ND	ug/l	Quarterly
Chlorodibromo methane	2.7			ug/l	Quarterly
Chrysene-	ND	ND	ND	ng/l	Quarterly
Cyanide			0.012	ng/l	Quarterly
Delta-BHC	ND	ND	ND	ng/l	Quarterly
Dibenz (a,h) Anthracene	ND	ND	ND	ng/l	Quarterly
Dibenzofuran		1		ng/l	Quarterly
Dibromochloromethane		ND	ND	ug/l	Quarterly
Dibromomethane	2.7			ug/l	Quarterly
Dichlorobromo-methane	2.7			ug/l	Quarterly
Dichlorodiflouromethane		i	ND	ng/l	Quarterly

The second secon		1772	1 375	n n	011
Dieldrin	ND	ND	ND	ng/l	Quarterly
Diethy Phthalate	ND	ND	ND	ng/l	Quarterly
Dimethyl Phthalate	0.0	ND	ND	ng/l	Quarterly
Di-n-Butyl Phthalate	0.022	42.3	ND_	ng/l	Quarterly
Di-n-Octyl Phthalate-	ND	ND	ND	ng/l	Quarterly
Endosulfan I	ND	ND	ND	ng/l	Quarterly
Endosulfan II	ND	ND	ND	ng/l	Quarterly
Endosulfan Sulfate	ND	ND	ND	ng/l	Quarterly
Endrin	ND	ND	ND	ng/l	Quarterly
Endrin Aldehyde	ND	ND	ND	ng/l	Quarterly
Endrin Ketone				ng/l	Quarterly
EPA Method 8290-2,3,7,8 TCDD	ND			ng/l	Quarterly
Ethylbenzene	ND	ND	9.3	ug/l	Quarterly
Fluoranthene	ND	ND	ND	ng/l	Quarterly
Fluorene	ND	ND		ng/l	Quarterly
Gamma-BHC	ND	ND	ND	ng/l	Quarterly
Heptachlor	ND	ND	ND	ng/l	Quarterly
Heptachlor Epoxide	ND	ND	ND	ng/l	Quarterly
Hexachloro-1,3 Butadiene				ng/l	Quarterly
Hexachloralbutadiene	ND	ND	ND	ng/l	Quarterly
Hexachlorobenzene) ND	ND	ND	ng/l	Quarterly
Hexachlorocyclopentadiene	ND	ND	ND	ng/l	Quarterly
Hexachloroethane	ND	ND	ND	ng/l	Quarterly
Indeno (1,2,3-c,d) Pyrene	ND	ND	ND	ng/I	Quarterly
Isophorone	ND	ND	ND	ng/l	Quarterly
Isopropylbenzene				ug/l	Quarterly
Methoxychlor	ND	ND		ng/l	Quarterly
Methylene chloride	ND	ND	ND	ug/l	Quarterly
Methyl Bromide	ND			ug/l	Quarterly
Methyl-tert-Butyl Ether			ND	ug/I	Quarterly
Mirex	ND	ND		ng/l	Quarterly
Molybdenum				ng/l	Quarterly
Napthalene	ND	ND	ND	ug/l	Quarterly
n-Butylbenzene				ng/l	Quarterly
Nitrobenzene	ND	ND	ND	ug/l	Quarterly
N-Nitrosodimethylamine	ND	ND	ND	ng/l	Quarterly
N-Nitroso-di-n-prophylamine	ND	ND	ND	ng/l	Quarterly
N-Nitrosodiphenylamine	ND	ND	ND	ng/l	Quarterly
n-Propylbenzene				ug/l	Quarterly
o-Xylene	ND			ug/l	Quarterly
p/m-Xylene	ND			ng/l	Quarterly
Pentachlorophenol	ND	ND	ND	ng/l	Quarterly
Perylene	ND	<u> </u>		ng/l	Quarterly
Phenanthrene	ND	ND	ND	ng/l	Quarterly
Phenol	ND	ND .	ND	ng/l	Quarterly
p-Isopropyltoluene				ug/l	Quarterly
Pyrene	ND	ND	ND	ng/l	Quarterly
Pyridine				ng/l	Quarterly
sec-Butylbenzene	·			ug/l	Quarterly
Styrene			<u> </u>	ug/l	Quarterly
t-1,2-Dichloroethene	ND	ND	ND	ng/l	Quarterly
t-1,3-Dichloropropene	ND	ND	ļ	ug/l	Quarterly
tert-Butylbenzene				ng/l	Quarterly
Tetrachloroethane	ND	ND	ND	ug/l	Quarterly
Total Cyanide	-	ND	<u> </u>	mg/l	Quarterly

Total Detectable PAHs		0.0		ng/l	Quarterly
Toulene	ND	ND	ND	ng/l	Quarterly
Toxaphene	ND	ND	ND	ng/l	Quarterly
Trans-nonachlor	ND	ND		ng/l	Quarterly
Trichloroethene	ND	ND	ND	ug/l	Quarterly
Trichlorofluoromethane			ND	ug/l	Quarterly
Vinyl Acetate				ug/l	Quarterly
Vinyl Chloride	ND	ND	ND	ug/l	Quarterly
Xylenes		ND	ND	ug/l	Quarterly

2004					Long Bea ong Beac								
Discharge No. 001	- 1	<u>Jan</u>	Feb	<u>Mar</u>	<u>Apr</u>	May	Jun	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov	<u>Dec</u>
Effluent													
												T 00	0.4
pH (Max)		8.0	7.9 7.8	8.0 7.8	8.0 7.8	8,0 7.7	8.0 7.8	7.9 7.8	7.9 7.8	8.0 7.8	8.0 7.9	8,0 7,8	8.1 7.9
pH (Min)	<u> </u>	7.8	7.6	7.0	7.0	1.7	7.8	7.5	7.0	7.0	7.5	7.0	7.5
Flow (Max) MGD		131.4	133.0	132.5	131.3	88.8	109.0	191.2	190.6	190.7	167.3	107.9	140.0
Flow (Avg) MGD		68.1	63.8	90.7	67.1	62.7	75.0	108.5	82.3	96.6	86.2	76.5	78.7
Circ. Water Discharge													
Temp (Max) °F	т	70 I	61	76	88	73	67	79	80	96	78	86	82
Temp (Max) *F		57	57	58	58	62	83	60	64	67	62	61	57
Heat Treat Temp °F							 						
Chlorine													
	- 1	0.04	0.05	0.11	0.11	0.08	0.12	0.11	0.05	0.08	0.05	0.07	0.05
Total - Avg (mg/l)		0.04	0.03	0.11	0.11	0.00	0.12	0.11	0.07	0.20	0.09	0.18	0.08
Total - Max (mg/l) Total - Min (mg/l)		0.03	0.04	0.03	0.04	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.03
TOTAL TIME (1191)	1												
Free - Avg (mg/l)		0.04	0.04	0.11	0.10	0.06	0.10	0.07	0.04	0.07	0.04	0.06	0.04
Free - Max (mg/l)		0.05	0.06	0.18	0.18	0.15	0.18	0.13	0.07	0.16	0.05	0.16	0.07
Free - Min (mg/l)		0.03	0.03	0.03	0.03	0,03	0.04	0.03	0.03	0.03	0.03	0.03	0.03
					Long Bea	ch Gene	ration LLC						
	Long Beach Generating Station												
						2004							
							1 1	1.00	Ana	l cas	Oct	Nov	Dec
	I	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	Apr	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Auq</u>	<u>Sep</u>	<u> </u>	INOV	l <u>Dec</u>
Low Volume Waste													
LOW FORMIG WASIE													
pH (Max)							7.0	7.7	8,2	7.9	7.9	7.9	
HIT (MICK)		7.7	7.7	7.8	7.8	7.7	7.9						8.2
pH (Min)		7.7	7.7 7.5	7.8 7.8	7.8	7.7	7.9	7.7	7.8	7.9	7.9	7.7	8.2 8.1
pH (Min)		7.7	7.5	7.8	7.8	7.6	7.9	7.7	7.8	7.9	7.9	7.7	8.1
pH (Min) Total Suspended Solids - Max (lb/		7.7 1.6	7.5 29.3	7.8 8.7	7.8 14.3	7.6 12.9	7.9 14.2	7.7 11.5	7.8 13.7	7.9 3.4	7.9 27.9	7.7 3.2	8.1 70.2
pH (Min)		7.7	7.5	7.8	7.8	7.6	7.9	7.7	7.8	7.9	7.9	7.7	8.1
pH (Min) Total Suspended Solids - Max (lb/ Total Suspended Solids - Avg (lb/)		7.7 1.6	7.5 29.3	7.8 8.7	7.8 14.3	7.6 12.9	7.9 14.2	7.7 11.5	7.8 13.7	7.9 3.4 3.2 ND	7.9 27.9 24.8 ND	7.7 3.2 3.2 ND	8.1 70.2 36.4 ND
pH (Min) Total Suspended Solids - Max (lb/		7.7 1.6 1.5	7.5 29.3 27.7	7.8 8.7 8.0	7.8 14.3 12.1	7.6 12.9 7.5	7.9 14.2 14.1	7.7 11.5 10.7	7.8 13.7 12.0	7.9 3.4 3.2	7.9 27.9 24.8	7.7 3.2 3.2	70.2 36.4
pH (Min) Total Suspended Solids - Max (lb/ Total Suspended Solids - Avg (lb/I Oil & Grease-Max (lb/day)		7.7 1.6 1.5 ND	7.5 29.3 27.7 4.0	7.8 8.7 8.0 ND	7.8 14.3 12.1 ND	7.6 12.9 7.5 ND	7.9 14.2 14.1	7.7 11.5 10.7 2.3	7.8 13.7 12.0 ND	7.9 3.4 3.2 ND	7.9 27.9 24.8 ND	7.7 3.2 3.2 ND	70.2 36.4 ND

			Frequency
			of
Constituent & Date of Sample	Concentration	Units	Analysis
	1st Qtr	John Schillering	Branco Anna Anna Anna
Date	8/10/04		
Antimony	ND	ug/l	Quarterly
Arsenic	4.55	ug/l	Quarterly
Barium	1 14	ug/l	Quarterly
Beryllium	ND	ng/l	Quarterly
Cadmium	0.05	ug/l	Quarterly
Chromium (Total)	1.01	ug/l	Quarterly
Chromium, Hexavalent		ng/l	Quarterly
Cobalt	1111		Quarterly
Copper	24	ug/l	Quarterly
Cyanide		ug/l	Quarterly
Lead	2.38	ug/l	Quarterly
Mercury	0.012	ug/l	Quarterly
Nickel	0.28	ug/l	Quarterly
Selenium	0.088	ug/l	Quarterly
Silver	ND	ug/l	Quarterly
Thallium	ND	ug/l	Quarterly
Zinc	14.4	ug/l	Quarterly
1,1,1,2-Tetrachlroethane	ND	ug/l	Quarterly
1,1,1-Trichloroethane	ND	ug/l	Quarterly
1,1,1-Trichlormoethane	ND	ug/l	Quarterly
1,1,2-Trichloroethane	ND	ug/l	Quarterly
1,1-Dichloroethane	ND	ug/l	Quarterly
1,1 Dichloroethylene			Overtorise
1,1-Dichloropropene	· · · · · · · · · · · · · · · · · · ·	ug/l	Quarterly Quarterly
1,2,3-Trichlorobenzene		ug/l	
1,2,3-Trichloropropane	ND	ug/l	Quarterly Quarterly
1,2,4-Trichlorobenzene	ND	ug/l	Quarterly
1,2,4-Trimethylbenzene	H	ug/l	Quarterly
1,2-Dibromoethane	3 <u></u>	ug/l	Quarterly
1,2-Dichlorobenzene-1242	ND	ug/l	Quarterly
1,2-Dichlorobezene 1,2-Dichloroethane	ND ND	ug/l ug/l	Quarterly
	ND ND		Quarterly
1,2-Dichloropropane 1,2-Diphenylhydrazine	ND ND	ug/l ug/l	Quarterly
	ND ND	ug/l	Quarterly
1,2-Trans-Dichloroethylene 1,3-Dichlorobenzene	ND	ug/l	Quarterly
1,3-Dichlorobenzene 1,3-Dichloropropylene	IND	ugr	Quarterry
1,3,5-Trimethethylbenzene		ug/l	Quarterly
		ug/l	Quarterly
1,3-Dichloropropane 1,4-Dichlorobenezene	ND	ug/l	Quarterly
1,4-Dichloropenezene 1.2-Dibromo-3-Chloropropane	1110	ng/l	Quarterly
1.Z-Dibromo-3-Chioropropane 1-Methylnaphthalene		ng/l	Quarterly
1-Methyphenanthrene		ng/l	Quarterly
1-Metnyphenanthrene 2,2-Dichloropropane		ng/l	Quarterly
2,3,5 Trimethylnapthalene		ng/l	Quarterly
2,3,7,8 TCDD	ND	ng/l	Quarterly
2,4,5-Trichlorophenol		ng/l	Quarterly
2,4,5-1 richlorophenol	ND	ng/l	Quarterly
2,4'-DDD		ng/l	Quarterly
2,4'-DDE	ND	ng/l	Quarterly
2,4-DDE 2,4-DDT	ND ND	ng/l	Quarterly
2,4-DD1 2,4-Dichlorophenol	ND	ng/l	Quarterly
2,4-Dimethylphenol	ND	ng/l	Quarterly
2,4-Dinitrophenol	ND	ng/l	Quarterly

F) RETENTION BASIN PRIORITY P	OLLUTANTS	1.1.	
		- 44 TH	Frequency
			of
Constituent & Date of Sample	Concentration	Units	Analysis
2,4-Dinitrotoulene	ND	ng/l	Quarterly
2,6 Dimethnapthalene		ng/l	Quarterly
2,6-Dinitrotoulene	ND	ng/l	Quarterly
2.4'-DDD		ng/l	Quarterly
2-Butanone		ug/l	Quarterly
2-Chlorethane		ng/l	Quarterly
2-Chloroethyl Vinyl Ether	ND	ng/l	Quarterly
2-Chloronapthalene	ND	ng/l	Quarterly
2-Chlorophenol	ND	ug/l	Quarterly
2-Chlorotoluene		ug/l	Quarterly
2-Hexanone		ug/l	Quarterly
2-methyl-4,6 dinitrophenol	ND	ng/l	Quarterly
2-Methylnaphtalene		ng/l	Quarterly
2-Methylphenol		ng/l	Quarterly
2-Nitroaniline		ng/l	Quarterly
2-Nitrophenol	ND	ng/l	Quarterly
3,3'-Dichlorobenzidine	ND	ng/l	Quarterly
3,4-Methylphenol		ng/l	Quarterly
3-Methyl-4-Chlorophenol		ng/l	Quarterly
3-Nitroaniline		ng/l	Quarterly
4,4'-DDD	ND	ng/l	Quarterly
4,4'-DDE	ND	ng/l	Quarterly
4,4'DDT	ND	ng/l	Quarterly
4,6-Dinitiro-2-Methylphenol		ng/l	Quarterly
4-Bromophenyl-Phenyl Ether	ND	ng/l	Quarterly
4-Chlorethane		ng/l	Quarterly
4-Chloro-3-Methylphenol	ND	ng/l	Quarterly
4-Chlorooaniline	1.2	ng/l	Quarterly
4-Chlorophenyl-Phenyl Ether	ND	ng/l	Quarterly
4-Chlorotoluene	1.0	ug/l	Quarterly
4-Methyl-2-Pentanone		ug/l	Quarterly
4-Nitroaniline		ng/l	Quarterly
4-Nitrophenol	ND	ng/l	Quarterly
Acenaphthene	ND	ug/l	Quarterly
Acenaphthylene	ND	ng/l	Quarterly
Acetone	1,12	ug/l	Quarterly
Acrolein	ND	ng/l	Quarterly
Acrylonitrile	ND	ng/l	Quarterly
Aldrin	ND ND	ng/l	Quarterly
The company of the second of t	3.775	ng/l	Quarterly
Alpha-BHC Alpha-Endosulfan	ND	ng/l	Quarterly
Analine Analine	 	ng/l	Quarterly
Anthracene	ND	ng/l	Quarterly
Arcotor 1248	ND ND	ng/l	Quarterly
	ND ND	ng/l	Quarterly
	ND ND		Quarterly
Aroctor-1016 Aroctor-1221	ND ND	ng/l	Quarterly
Aroctor-1221 Aroctor-1232	ND ND	ng/l ng/l	Quarterly
	ND ND		Quarterly
	ND ND	ng/l	Quarterly
Aroctor-1260	עאו	ng/l	Quarterly
Aroctor-1262 Azobenzene		ng/l	Quarterly
	NIT.	ng/l	
Deireile	ND ND	ug/l	Quarterly
Benzidine Benzo (a) Anthracene	ND ND	ng/l	Quarterly
	ND	ng/l	Quarterly
Benzo (a) Pyrene	ND	ng/l	Quarterly
Benzo (b) Fluoranthene	ND	ng/l	Quarterly
DCHZO (C) Tyrchc	ND	ng/l	Quarterly
Benzo (g,h,i) Perylene	ND	ng/l	Quarterly

F) RETENTION BASIN PRIORITY P	OLLUTANTS	· · · · · · · · · · · · · · · · · · ·	NTA description
		4 12 12	Frequency
		TT-14	of
Constituent & Date of Sample			Analysis
Benzo (k) Fluoranthene	ND	ng/l	Quarterly
Benzo (k) Pyrene		ng/l	Quarterly
Benzolelpyrene		ng/l	Quarterly
Benzonic Acid		ng/l	Quarterly
Benzyl Alchol	NID	ng/l	Quarterly
Beta-BHC	ND	ng/l	Quarterly
Beta-Endosulfan		ng/l	Quarterly
Biphenyl) TTO	ng/l	Quarterly Ouarterly
Bis (2-Ethylhexy) Phthalate	ND ND	ng/l	
Bis(2-Chloroethyl) Ether	ND ND	ng/l	Quarterly Quarterly
Bis(2-Chloroisopropyl) Ether	ND	ng/l	Quarterly
Bis(2-Ethylhexy) Phthalate	ND ND	ng/l ng/l	Quarterly
bisbenzyl phthalate	ND ND		Quarterly
Bis(-Chloroethoxy) Methane	ND	ng/l	Quarterly
Bromobenzene	1.7	ug/l	Quarterly
Bromochloromethane	1./	ug/l	Quarterly
Bromodichloromethane	0.6	ug/l	Quarterly
Bromoform		ug/l	Quarterly
Bromomethane	ND ND	ng/l ug/l	Quarterly
Butyl-Benzyl Phthalate	ND ND		Quarterly
c-1,2-Dichloroethane	ND ND	ug/l	Quarterly
c-1,3-Dichloropropene	ND	ug/l	Quarterly
C-Xylene	<u> </u>	ug/l	Quarterly
Carbon disulfide	NID	ng/l	Quarterly
Carbon Tetrachloride	ND ND	ng/l ng/l	Quarterly
Chlordane	ND ND		Quarterly
Chlordane-alpha	ND ND	ng/l	Quarterly
Chlorodane-gamma	ND ND	ng/l	Quarterly
Chlorethane	ND	ng/l ng/l	Quarterly
Chlorform	ND ND	ug/l	Quarterly
Chlormethane Chlorobenzene	ND	ug/l	Quarterly
	ND	ug/l	Quarterly
Chlorodibromo methane	ND		Quarterly
Chrysene-	ND	ng/l	Quarterly
Cyanide Delta-BHC	ND ND	ng/l ng/l	Quarterly
	ND	ng/l	Quarterly
Dibenz (a,h) Anthracene	ND	ng/l	Quarterly
Dibenzofuran Dibromochloromethane	ND	ug/l	Quarterly
The second secon	ND		
Dibromomethane Dichlorobromo-methane	1.9	ug/l ug/l	Quarterly Quarterly
277110101011111111111111111111111111111	ND ND		Quarterly
Dichlorofluorethane Dichlorodiflouromethane	ND ND	ng/l ng/l	Quarterly
Dichlorodiflouromethane Dieldrin			Quarterly
	ND ND	ng/l	Quarterly
	ND ND	ng/l ng/l	Quarterly
D11110111) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND		Quarterly
	ND ND	ng/l ng/l	Quarterly
	ND ND		Quarterly
	ND ND	ng/l	Quarterly
	ND ND	ng/l ng/l	Quarterly
	ND ND	ng/l ng/l	Quarterly
			Quarterly
7	ND	ng/l	Quarterly
Endrin Ketone EPA Method 8290-2,3,7,8 TCDD		ng/l	Quarterly
	ND	ng/l	Quarterly
		ug/i	Quarterly
Tribus manufacturi de la companya de	9.3 5.2	ng/l ng/l	Quarterly
	ND		Quarterly
Gamma-BHC	תאד	ng/l	

F) RETENTION BASIN PRIORITY P	OLLUTANTS	3	Section 1
			Frequency
			of
Constituent & Date of Sample	Concentration	Units	Analysis
Heptachlor	ND	ng/l	Quarterly
Heptachlor Epoxide	ND	ng/l	Quarterly
Hexachloro-1,3 Butadiene		ng/l	Quarterly
Hexachloralbutadiene	ND	ng/l	Quarterly
Hexachlorobenzene	ND	ng/l	Quarterly
Hexachlorocyclopentadiene	ND	ng/l	Quarterly
Hexachloroethane	ND	ng/l	Quarterly
Indeno (1,2,3-c,d) Pyrene	ND	ng/l	Quarterly
Isophorone	ND	ng/l	Quarterly
Isopropylbenzene		ug/l	Quarterly
Methoxychlor		ng/l	Quarterly
Methylene chloride	0.5	ug/l	Quarterly
Methyl Bromide	ND	ug/l	Quarterly
Methyl-tert-Butyl Ether	ND	ug/l	Quarterly
Mirex	- 144 TWA ET	ng/l	Quarterly
Molybdenum		ng/l	Quarterly
Napthalene	11.4	ug/l	Quarterly
n-Butylbenzene		ng/l	Quarterly
Nitrobenzene	ND	ug/l	Quarterly
N-Nitrosodimethylamine	ND	ng/l	Quarterly
N-Nitroso-di-n-prophylamine	ND	ng/l	Quarterly
N-Nitrosodiphenylamine	ND	ng/l	Quarterly
n-Propylbenzene		ug/l	Quarterly
o-Xylene	10.00	ug/l	Quarterly
p/m-Xylene		ng/l	Quarterly
Pentachlorophenol	ND	ng/l	Quarterly
Perylene		ng/l	Quarterly
Phenanthrene	9.5	ng/l	Quarterly
Phenol	ND	ng/l	Quarterly
p-Isopropyltoluene		ug/l	Quarterly
Pyrene	ND	ng/l	Quarterly
Pyridine		ng/l	Quarterly
sec-Butylbenzene		ug/l	Quarterly
Styrene		ug/l	Quarterly
t-1,2-Dichloroethene	ND	ng/l	Quarterly
t-1,3-Dichloropropene	ND	ug/l	Quarterly
tert-Butylbenzene		ng/l	Quarterly
Tetrachloroethane	ND	ug/l	Quarterly
Total Cyanide	,4414	mg/l	Quarterly
Total Detectable PAHs	0.0	ng/l	Quarterly
Toulene	ND	ng/l	Quarterly
Toxaphene	ND	ng/l	Quarterly
Trans-nonachlor		ng/l	Quarterly
Trichloroethene	ND	ug/l	Quarterly
Trichlorofluoromethane	ND	ug/l	Quarterly
Vinyl Acetate		ug/l	Quarterly
Vinyl Chloride	ND	ug/I	Quarterly
Xylenes	ND	ug/l	Quarterly
V			

Requested Permit Changes

EPA FORM 2C ATTACHMENT 3

Requested Changes to the Permit

Long Beach Generating Station requests the Regional Board change the following findings as defined below to the forthcoming 2006 Order.

Previous Schematic of Water Flow

The existing permit (CA0001171) Figure 4, Schematic Diagram of Wastewater Flow details the facility with Generating Units 1-9 in operation. As described in other sections of this application, Generating Units 1-9 were permanently retired effective January 1, 2005. The following list describes equipment that is out of service, and therefore, no longer applicable to the wastewater flow diagram:

- #8 Hotwell Overboard (0.001 MGD)
- #9 Hotwell Overboard (0.001 MGD)
- Boiler Blowdown (0.3 MGD)
- Softener Regeneration (0.05 MGD)
- · Chemical Laboratory Drains

Figure 4 in Section 3.0 accurately describes the current operations of the facility.

Request for Alternative Discharge

Long Beach Generation LLC (LBG) permanently retired the existing power generating equipment at the Long Beach Generating Station (LBGS) effective January 1, 2005. LBG notified the California Regional Water Quality Control Board, Los Angeles Region of this change in operating status by letter on January 7, 2005 (See Section 9.0). The January 7, 2005 letter requested modification to the permitted method of wastewater discharge at the facility. The request discussed the characteristics of the normal operating discharge and sample results from grab samples collected from the retention basin where low volume waste streams are accumulated and pumped into the effluent of the once through cooling water system. The comparison of the results from the basin grab sample to existing monthly NPDES discharge limits showed that only copper could potentially exceed the existing NPDES discharge limits of 6.2 µg/L. Ceasing operation of the once-through cooling system would have the beneficial effect of decreasing the volume of water discharged to the Back Channel in the Harbor, and significantly decrease the electrical energy consumption required to power the once-through cooling system pumps, and will eliminate the need for chlorine injection into the once-through

cooling system which will eliminate total residual chorine mass from the effluent. The letter also described the additional beneficial effects associated with the shut down of the system by eliminating the potential for impingement and entrainment of marine organisms.

In preparing this application, LBG performed 24-hour composite sampling from the Intake and Outfall 001 structures in compliance with the EPA NPDES requirements during June 2005. The June 2005 Outfall 001 sampling is representative of the existing operations (See Section 3.0, Figure 4). The Form 2C results for existing operations are presented in Table 1 of this section. The June 2005 sampling of the existing operations and the preparation of this permit renewal application was performed to provide the RWQCB with a complete application for renewal of the NPDES Permit Number CA0001171. However, the existing NPDES permit configuration is not the most desirable utilization of resources considering the current site operations and conditions. LBG is actively participating in discussions with the RWQCB about alternative discharge options.

During discussions between LBG and the RWQCB about alternative discharge methods for groundwater at the site, the RWQCB requested LBG inquire about discharging the low volume waste stream to the sanitary sewer system. The sanitary sewer system on Terminal Island is conveyed through a treatment system operated by the Port of Long Beach on Terminal Island before being directed to the City of Los Angeles Bureau of Sanitation sewer treatment plant. LBG held meetings with the Port of Long Beach engineering department on July 21, 2005, to discuss the possibility of routing the low volume waste stream into the existing sewer connection, and inquired with the City of Los Angeles Bureau of Sanitation about accepting the volume flow and water quality from the site (See Related Correspondence in Section 9.0).

The Port of Long Beach engineering department indicated during the meeting that the sewer piping from the connection point on site to the Terminal Island treatment facility was insufficient to carry the requested flow. The City of Los Angeles Bureau of Sanitation also concurred with that assessment. Letters were recently submitted to the Port of Long Beach and the City of Los Angeles Bureau of Sanitation formally requesting sewer discharge capacity for the LBGS low volume waste. Responses are expected that indicate this option is not feasible based on the verbal discussions.

In April 2005, LBG temporarily shutdown the once-through cooling system for maintenance and repairs (Section 9.0, RWQCB Correspondence dated January 7, 2005). During the temporary shutdown (July 11, 2005 to August 4, 2005), all the low volume wastewater for the retention basin was pumped via an alternate discharge pipe to the Outfall 001 discharge point. This arrangement simulated the proposed alternative discharge that LBGS seeks to have approved by the Regional Water Board. The low volume wastewater, as currently permitted, is comprised of the following waste streams:

LONG BEACH GENERATING STATION NPDES PERMIT (NO. CA0001171 RENEWAL APPLICATION – SEPTEMBER 10 2005

- Yard drains (Groundwater seepage and intermittent stormwater)
- Plant No.2 Sumps (Groundwater seepage and leaks from once through cooling water system)
- Plant No. 2 Well Point Dewatering System (Groundwater)
- Tank Farm Well Point Dewatering System (Groundwater and intermittent stormwater)

During the temporary shutdown, LBGS performed 24-hour composite sampling from the alternate discharge from Outfall 001. The alternate discharge sampling performed from July 18 to 19, of 2005, is considered characteristic of the discharge anticipated by the requested changes to the existing permitted discharge (see Figure 5). The Form 2C results for the requested alternate discharge are presented in Attachment B of this section. The results of the analysis show that the proposed discharge characteristics do not exceed any of the existing NPDES Permit limits, or any of the NPDES Form 2C screening limits for industrial discharge.

LBG also evaluated the groundwater well point streams entering into the retention basin for General NPDES permit options. The groundwater well point streams are comprised of groundwater from the LBGS Plant No. 2 well point system and the Pacific Terminals well point and stormwater collection system. LBG groundwater sampling followed the Regional Water Board's adopted permit for Discharges of Groundwater From Construction and Project Dewatering To Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties, Attachment A, Screening Levels For General Permits (General NPDES Permit No. CAG994004, Order No R4-2003-0111). Water sampling was performed on July 22, 2005. The results of the initial and subsequent sampling events are provided in this section as Table 4 Low Volume Waste Stream Sampling Summary Results. The results indicate that, with exception of Total Petroleum Hydrocarbons (TPH) (diesel range only), the constituents in the groundwater are within the General Permit's "Attachment A" screening levels. The Attachment A screening level for TPH is $100~\mu g/L$. TPH as Diesel results ranged from $210~\mu g/L$ in the Plant No. 2 well point system to $670~\mu g/L$ in the Pacific Terminal discharge.

Due to the identification of TPH as diesel in the low volume wastewater stream, LBG conducted additional sampling and found the TPH as diesel levels to be above the General Permit screening levels at the seawater intake and outfall as well.. While each of these results may exceed the Groundwater General Permit screening thresholds, they do not exceed any discharge limits contained in the LBGS NPDES Permit No. CA 0001171, Order No. 01-0179. LBG does not have any diesel storage on site that could contribute to the TPH in groundwater or harbor water and is unaware of the source of the TPH.

LONG BEACH GENERATING STATION NPDES PERMIT (NO. CA0001171 RENEWAL APPLICATION – SEPTEMBER 10 2005

New Schematic Diagram of Water Flow

Long Beach Generation LLC plans to shutdown the once through cooling system currently in operation at Plant No. 2. The proposed discharge will operate under the new configuration described in Figure 5 to the EPA Form 2C showing the "New Schematic Diagram of Water Flow". The major changes from the existing operations (Section 3.0, Figure 4) to the proposed operations (Section 4.0, Figure 5) will be:

- Delete the Unit 8 & 9 Intake (261 MDG)
- Delete the Unit 8 & 9 Circ. Water Condensers
- Delete the Unit 8 & 9 BCW Heat Exchangers
- Delete the Chlorine Injection

The proposed changes will have beneficial effect of reducing the volume of discharge, reduce the consumption of electrical energy, eliminating the injection of chlorine, and eliminating the potential for impingement and entrainment at the intake structure.

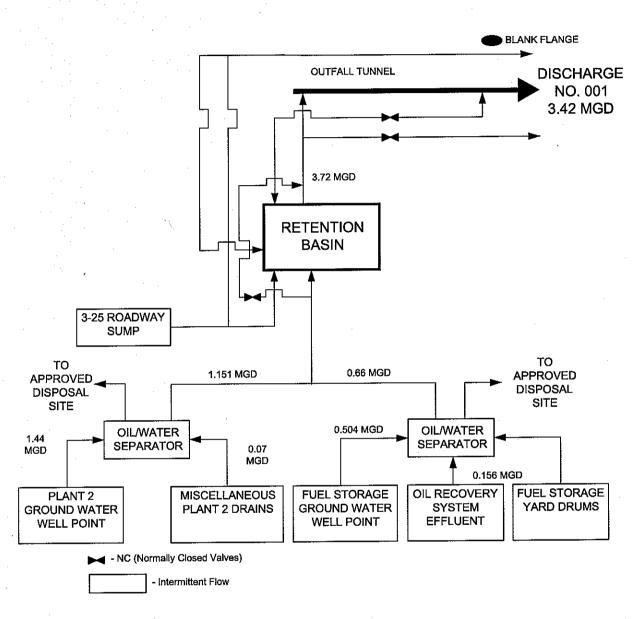


FIGURE-5 NEW SCHEMATIC DIAGRAM OF WATER FLOW DIRECT DISCHARGE OF LOW VOLUME WASTE STREAMS

NPDES PERMIT (CA0001171) RENEWAL APPLICATION (10/12/05) DIRECT DISCHARGE LOW VOLUME WASTE STREAM EPA NPDES Application Form 2C - Section V, Part A **LONG BEACH GENERATING STATION** TABLE 3

EPA ID No. CAR 000 037 705

V. Intake and Effluent Characteristics	tics										Outfall No. 001	0.001
Part A.			:									
				Effluent							Intake	
Pollutant	Maximum	Maximum Daily Value	Maximum 3	ım 30 Day Value	Long Term	Long Term Avrg Value	No. of	5	Units	Long Term	Long Term Avrg Value	No. of
	Conc	Mass	Conc	Mass	Conc	Mass	Analyses	Conc	Mass	Conc	Mass	Analyses
a. Biochemical Oxygen Demand	12	0.04					,	mg/L	tons	1	;	ΑN
 b. Chemical Oxygen Demand 	230	08'0					1	mg/L	tons		1	ΑN
c. Total Organic Carbon	22	90.0					-	mg/L	tons	:	1	ΑN
d. Total Suspended Solids	48.4	0.17					_	mg/L	tons	;	1	ΑΝ
e. Ammonia (as N)	1.9	0.01					-	mg/L	tons	:	-	ΑN
f. Flow	Valu	Value≂0.8					31	M	MGD			365
g. Temperature (winter)	Intake Va	Intake Value ≂ 14.1	Value	alue = 20.3	Value = 19.7	= 19.7	06	Dec	Deg - C	Value	Value = 16.1	06
h. Temperature (summer)	Discharge \	Discharge Value = 17.6	Value	alue = 26.1	Value	Value = 26	35	DeG	Deg - C	Value	Value = 22.1	92
i. pH	Min=7.76	Min=7.76 Max=7.93	Min = NA	Max = NA	N/A	Y,	6	Standa	Standard Units	Min=7.56	Max=7.82	6

- calculating mass emissions for this table, the detection limit was utilized as the concentration where the pollutant was not detected. Such substitution should not be used 1) "<" indicates that the pollutant concentration was not detected. For these pollutants, the detection limit is reported in the concentration column. For the purpose of for the purpose of determining compliance with effluent limits.
- 2) Mass emissions were calculated using the averaged flow recorded during the month of July 2005. (i.e. 0.830903 MGD).
- 3) Temperature information is based upon daily average temperatures from:
 * Summer July 1 to September 30, 2004
 * Winter January 1 to March 31, 2004

TABLE 3 DIRECT DISCHARGE LOW VOLUME WASTE STREAM

LONG BEACH GENERATING STATION NPDES PERMIT (CA0001171) RENEWAL APPLICATION (10/12/05) EPA NPDES Application Form 2C - Section V, Part B

EPA ID No. CAT 000 037 705

V. Intake and Effluent Characteristics														Outfall No. 001	0.001
Part 5.															
		Mark X	×				Effluent							Intake	
Pollutant	CAS No.	Believed	Belleved	Maximum Daily Value	ally Value	Махітит 3	Maximum 30 Day Value	Long Term Avrg Value	Avrg Value	No. of	Units	2	Long Term Avrg Value	Avrg Value	No. of
		Present	Absent	Conc	Mass	Conc	Mass	Conc	Mass	Analyses	Conc	Mass	Conc	Mass	Analyses
a. Bromide	24959-67-9	×		1.03	0.33			1.03		_	mg/L	tons	1	1	NA NA
b. Chlorine, Total Residual		×		<0.03	<0.03			1		6	mg/L	sq	:	:	¥N V
c. Color		×		40	N/A			40		1	cotar units	N/A	,	1	ΑN
d, Fecal Coliform		×		20	N/A					o	MPN/100ml	N/A	1	ı	¥X
e. Fluoride	16984-48-8	×		62'0	5.47			0.79		-	mg/L	sql	'	1	Ϋ́
f. Nitrate-Nitrite (as N)		×		<1.0	6.93			⊽		-	mg/L	SQ		ı	ΑN
g. Nitrogen, Total Organic (as N)		×		3.8	26.32			3.8		-	mg/L	sql	,	,	Ϋ́
h. Oil and Grease		×		1.5	10.39					6	T/6W	sql	,	:	ΝA
i. Phosphorus, (as P) Total	7723-14-0	×		0.55	3.81			0.55		-	mg/L	sq	:		¥
j(1). Radioactivity: Alpha, Total		×		-2 +/- 19				-2+/-19		-	7/j0d				ΑN
lj(2). Radioactivity: Beta, Total		×		224 +/- 56				224+/-56		-	DC//L			,	ΑΝ
J(3). Radioactivity: Radium, Total		×		0.64 +/- 0.18				0.64+/-0.18		-	PCI/L				ΨX
[j(4), Radioactivity: Radium 226, Total		×		0.10 +/0.18				0.10+/0.18		-	J/IOG		,	:	Ϋ́
k. Sulfate (SO4)	14808-79-8	×		1480	468.72			1480		1	mg/L	tons	,		ΨV
I. Sulfide (as S)		×		<0.02	0.14			<0.02		1	mg/L	sql		-	ΑÑ
m. Suffite (as SO3)	14265-45-3	×		<1.0	6.93			-1		-	mg/L	sq)		:	ΑΝ
n. Surfactants		×		0.23	1.59			0.23			mg/L	şqį	:		Ą
o. Aluminum, Total	7429-90-5	×		9.43	5.97			9.43		1	1/6n	sq			AN
p. Barium, Total	7440-39-3	×		<0.1	90:0			<0.1		1	J/6n	lps ps	ļ,	,	¥.
q. Boron, Totai	7440-42-8	×		5.61	1.78			5.61		ļ	mg/L	tons	;		AN
r. Cobalt, Total	7440-48-4	×		<0.005	0.00			<0.005		1	J/6n	sqi		:	ΑN
s. fron, Total	7439-89-6	×		340	215.36			340		1	ng/L	sq	\$:	¥
t. Magnesium, Total	7439-95-4	×		864	273.63			864		,	mg/L	tons	,		ΨV
u, Molybdenum, Total	7439-98-7	×		3.49	2.21			3.49		-	T/Sn	sq	,	ı	ΨN
v. Manganese, Total	7439-96-5	×		681	431.35			681		1	ug/L	sq	1		ΑN
w. Fin, Total	7440-31-5	×		0.024	0.02			0.024		1	ug/L	sql	:	1	ΑN
x, Titanium, Total	7440-32-6	×		0.73	0.46			0.73		1	ng/L	sqi		ı	ΑN

1) "< indicates that the pollutant concentration was not detected. For these pollutants, the detection limit is reported in the concentration column. For the purpose of calculating mass emissions for this table, the detection limit was utilized as the concentration where the pollutant was not detected. Such substitution should not be used for the purpose of determining compliance with effluent limits.

²⁾ Mass emissions were calculated using the flow during the actual sampling period (i.e. grab samples - 0.830903 MGD)

TABLE 3 DIRECT DISCHARGE OF LOW VOLUME WASTE STREAM LONG BEACH GENERATING STATION NPDES PERMIT (CA0001171) RENEWAL APPLICATION (10/12/05) EPA NPDES Application Form 2C - Section V, Part C

Part	V. Intake and Effluent Characteristics							100 000 000 000 000 000 000 000 000 000								Outfall No. 001	0.001
1979 1979	O IB			1					Effliant							1	
1,000,000 X 1,000,000 1,000	Pollutant	CAS No.	Testing Required	_	Believed Absent	Maximum	Daily Value	Maximum 30 Day Conc M	1 1	Long Term Avr.	g Value Mass Calc			Mass	Conc	Avrg Value	No. of
1,000,000 1,000,000 1,00	Metals, Cyanide, and Total Phenols		1											1			al an a
1,000,000 1,00	Total Antimony	7440-36-0				20.0	40.0					-	l/Sn	sq;	:	:	Ν
1,000,000 1,000,000 1,00	Total Bandlum	7440-30-2				2 0	3.24						/gn	sq.	1	:	ž
1,00,000 1,0	Total Cadmium	7440-43-9	*			40.003	0.0032					- .	/Sn	sq.	1		≨
1,00,000 X X X X X X X X X	Total Chromium	7440-47-3				0.255	0.16		+	1		- -	16n	S0 4	:	1	≨ :
1985 1 1985 1	Total Copper	7440-50-8				2.66	1.68					-	//bn	los Pe	1	:	ž
1,00,000 1,00,000	Total Lead	7439-92-1				0.197	0.12					-	/01	e d	1		¥ V
100 100	Total Mercury	7439-97-6	×			0.00868	0.01					-	//on	a P			Ž
Mathematical Control of Control	Total Nickel	7440-02-0	×			0.73	0.46					-	//011	S S		:	S S
1,046,254 X 1,040,054	Total Selenium	7782-49-2				<0.01	0.01					-	l/on	sq	1	1	¥
1446264 X 14462644 X 1446264 X 1446264 X 1446264 X 1446264 X	Total Silver	7440-22-4				<0.005	0.0032					-	/on	B	:		NA
1966 X X X X X X X X X	Total Thatlium	7440-28-0				<0.005	0.0032					-	//on	S A	1	1	Ž Ž
1971-26 X C C C C C C C C C	Total Zinc	7440-66-6				11.7	7.41					-	Į/Dn	ş		1	¥
1746016 1746	Total Cyanide	57-12-5	×			-	:					6	/on	şã	,	١,	¥
1746-014 1746-014	Total Phenols		×			1	1					တ	/Sn	. sq	1	:	ž
1960 1960	Dioxin			-													
100-000-00-00-00-00-00-00-00-00-00-00-00	[2,3,7,8-Tetrachlorodibenso-P-Dioxin	1746-01-6			×	2.5							<i>l/</i> 6d	sqi			Ą
100,000 100,	0 10 10 10 10 10 10 10 10 10 10 10 10 10																
10,000 1,0	CS/MS Fraction - Volatile Compounds	0 00 200	;								-						
10,000,000 1,000,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000 1,000,000	TV acrolein	10/-02-8	×			42	7.60					S	пgЛ	i sq	-	-	ΝA
56,525.4 MA C(10) D(3) 10,625.5 AA C(10) D(3)	ZV actylonimie	10/-13/	*			010	6.33					9	ηδη	SQ:	ı	1	NA
10,000 1,0	3V benzene	71-43-2	×			Ç0,3	0.19					5	/bn	lbs	1	1	٧V
1985-2000 X Color Colo	4v dis (Uniormethyl) Ether	242-88-1	Y.Y			0.15	0.63					5	ng/i	(ps	1	-	NA
1,0,0,0,0,0,0,0 1,0,0,0,0 1,0,0,0 1,0,0,0 1,0,0,0 1,0,0,0,0 1,0,0,0,0 1,0,0,0,0,0 1,0,0,0,0 1,0,	SV carbon totrophoside	2-07-07	\ \ \	+		2/5	0.46					2	/Sn	(ps	1	:	NA
1,50,003 X 0,003	7V ohlombenzene	108-00-7	\			9 6	9 40		1	1		٩)/Sn	SQ.	,	:	¥
107603 X 2013 1013 1014 1015 1	8V chlorodibromomethane	124-48-1	< ×			2 6	0.05	-				0 1	J/Šn	Sa	;	-	≨:
1,075-6 X	9V chloroethane	75-00-3	×			0.3	0.19					n u	/Sn	2 4	ı	:	₹:
762-642 X 0,071 0.65 0 0,071 0.85 0 0,071 0.85 0	10V 2-chloroethylvinyl ether	110-75-8	×			25.0	127					0 4) BO	SOL	-	ı	ž
75-74 N.Y. 60-46 0.263 9 9 10	11V chloraform	67-68-3	×			0.71	0.45					2 20	701	9	1		ž
75-71-8 N/A* 6.02 0.02	12V dichlorobromomethane	75-27-4	×			0.46	0.29					2	/on	ž.	: :	1	2
17.542-5 X cold 0.13 0	13V dichlorodifluoromethane	75-71-8	N/A*			<0.4	0.25					r)	//on	g	;	:	Ą
176464 X Cold 0.05	14V 1,1-dichloroethane	75-34-3	×			<0.2	0.13	_				S	l/on	ş	,	:	Ā
7.545-4 X 0.19	15V 1,2-dichloroethane	107-06-2	×			<0.4	0.25					2	/on	å	,	ı	¥
562-75-75 X cd.3 0.19 P 6 ug/l lbs <	16V 1,1-dichloroethylene	75-35-4	×			<0.3	0.19					2	/On	sq	1		ž
100-21/7-5 X 40,5 0.022 0.023 0.023 0.023 0.023 0.024 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.024 0.023 0.023 0.024 0.024 0.024 0.025 0.024 0.024 0.025 0.024 0.024 0.025 0.024 <th< td=""><td>17V 1,2-dichloropropane</td><td>78-87-5</td><td>×</td><td></td><td></td><td><0.3</td><td>0.19</td><td></td><td></td><td></td><td></td><td>9</td><td>l/on</td><td>sq</td><td>1</td><td>,</td><td>Α×</td></th<>	17V 1,2-dichloropropane	78-87-5	×			<0.3	0.19					9	l/on	sq	1	,	Α×
Power of the control of the	18V 1,3-dichloropropylene	542-75-6	×			<0.5	0.32					5	l/6n	sq		:	۸A
74-87-9 X <1.0 0.63	19V ethylbenzene	100-41-4	×			<0.2	0.13					2	l/6n	sql		ı	¥
PARATY X X Col.3 0.19 P D	20V methyl bromide	74-83-9	×			4.0	0.63					5	//6n	සු		,	ž
Part of Sept 2 X 40.3 0.19 Perconage 5 ug/l bit	21V methyl chloride	74-87-3	×			<0.3	0.19					5	l/bn	sq	ı	,	ΑX
e 1/27-434-5 X col.4 0.25 9 6 ug/f lbs in 1/27-434-5 X col.3 0.19 0.19 6 ug/f lbs in 1/25-63-5 X col.3 0.19 C 0.10 D	22V methylene chloride	75-09-2	×			<0.3	0.19					- 2	//Sn	sql		1	Ν
127-184 X 2014 0.25 0.15	23V 1,1,2,2-tetrachioroethane	79-34-5	×			4.05	0.25					5	l l/6n	sql	;	,	۸A
ten 156-50-5 X < <0.3 0.19 <td>24V tetrachioroethylene</td> <td>127-18-4</td> <td>×</td> <td></td> <td></td> <td>40.4</td> <td>0.25</td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td>/bn</td> <td>sq</td> <td></td> <td>-</td> <td>ΝA</td>	24V tetrachioroethylene	127-18-4	×			40.4	0.25					2	/bn	sq		-	ΝA
Ti-Secondary Ti-S	COV TOTAL STATE STATE OF THE ST	108-88-3	<,	1		\$0.3	61.0				-	5	/bn	SQ	j	1	۸A
17-20-0	20V 1,2-trans-unimoreniyiene	0-00-001	< >			200	61.9					2	l/gn	sql	:	:	NA
75-01-4	20V 1 1 0 trichloroghone	70.00 5	\ \}	1		200	2 3		1			2	/6n	BS	-	;	ă
75-91-4	20V 1, 1,2-11 CHOTOGERIANS	70.01-8	\ \}			200	6.18					2	l/gn	sq.	-	,	ž
75-01-4	201/ trichlorofficemethere	75.60 4	**/N	1	Ī	9 9	200					2	/bn	SO .	:	-	₹
Popunds	31V view obleside	75-01-4	S			5 6	0.19					2	l/gu	sq .	-	,	≨
Prounds Property	32V tributultin (Note 3)	1	×			200	6.18					s c	/bn	sq.	:	;	≨
d Compounds SE-57-8 X <3.0 1.80	/0 cash market 1		(1		i/B	SQ		-	ž
95-57-9 X -3.0 1.50	GS/MS Fraction - Acld Compounds				1.												
120-83-2 X <50 3.17 1 office office office of the control of th	1A 2-chlorophenol	92-27-8	×			<3.0	1.90			_	_	ļ	//011	ha		;	AIA
105-67-9 X <6.0 3.17 1 ug/l lbs 564-52-1 X <10	2A 2,4-dichlorophenol	120-83-2	×			8,0	3.17						/01	2 2			S V
534-52-1 X <10 6,33 1 ug/l 65 </td <td>3A 2,4-dimethylphenol</td> <td>105-67-9</td> <td>×</td> <td></td> <td></td> <td><5.0</td> <td>3.17</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>700</td> <td>s d</td> <td> </td> <td> </td> <td>Z Z</td>	3A 2,4-dimethylphenol	105-67-9	×			<5.0	3.17					-	700	s d			Z Z
51-28-5 X <15 9.50 1 ug/l lbs 88-75-5 X <4.0	4A 4,6-dinitro-o-cresol	534-52-1	×			<10	6.33				ļ.	-	l/cn	sq	;		ž
88-75-5 X <40 2.53	5A 2,4-dinitrophenol	51-28-5	×			<15	9.50					-	l/6n	sq		:	Ą
100-02-7 X <10 6.33	6A 2-nitrophenol	88-75-5	×			0.4	2.53					1	l/6n	sql	-	:	ΝΑ
c20 1.27 1 ug/l lbs	/A 4-nitrophenol	100-02-7	×			0₹ 	6.33					-	, l/bn	sql		-	ΝĀ
	BA p-chloro-m-cresol	29-50-7	×			<2:0 □	1.27		_			-	l/6n	PS Sq			¥

TABLE 3 DIRECT DISCHARGE OF LOW VOLUME WASTE STREAM LONG BEACH GENERATING STATION NPDES PERMIT (CA0001171) RENEWAL APPLICATION (10/12/05) EPA NPDES Application Form 2C - Section V, Part C

Part C.			Mark X					Efficial	,							Proper	-
Pollutant	CAS No.	Testing	Belleved	Believed	Maximum Daily Value	aily Value	Maximum 3	Maximum 30 Day Value		Long Term Avrg Value	Value	No. of	Units		Long Term Avrg Value	wrg Value	No. of
OA prostophorophorophorophorophorophorophoropho	87.85.5	Redulred	Present	Absent	Son	Mass	Conc	Mass	Sono.	Mass	Mass Calc	Analyses	Conc	,,	Conc	Mass	Analyses
	108-95-2	×			\$50 \$70	1.27						-	/gn	S			╀
1A 2,4,6-trichtorophenol	88-06-2	×			<2.0	1.27						-	l/gu	sq	:	:	${\mathbb H}$
GS/MS Fraction - Base/Neutral Compounds																	┨╏
	83-32-9	×			<3.0	1.90						-	ng/l	sq:	-		4
2B acenaphthylene	208-96-8	××		Ī	\$5.0 \$	1.27						-	/6n	SQ.	1	:	4
	120-12-7	^			200	88							i i	SO	:	;	+
45 Denziaine	56.55.3	\ \			200	1 97						-	1/6n	20 E	1	1	
	50-32-8	<×			000	127						-	1/25	2 .2	1	۱	+
7B 3 4-benzoftoranthene	205-99-2	×			\$5.0	3.17						-	/B5	sq	;	1	╀
	191-24-2	×			25.0	1.27						-	1/05	Sa	,	1	╀
	207-08-9	×			<5.0	3.17						-	l/gu	ब	:	;	Н
10B bis(2-chloroethoxy)methane	111-91-1	×			<2.0	1.27						-	ug/l	lbs			Н
	111-44-4	×			<3.0	1.90						-	ng/l	ibs	-	:	┪
	102-60-1	×			<4.0	2.53						-	l/gn	q	-	:	1
	117-81-7	×			4.0	2.53							/6n	ps	1		-1
d ether	101-55-3	×	†		22.0	1.27						-	l/6n	<u>ක</u> .	1	:	~†
158 butylbenzyl prithalate	85-68-7	×			C4.0	27.2						_	l/gu	SQ	ı	:	+
166 2-chioronaphroalene	91-08-7				0.00	. OS.						 	/dn	Sol	:	:	+
5	218.01.0	*			200	1 97						<u> </u>	3 2	2 4	:	1	+
10B diberzo/a hisathracana	53.70.3	< ×			9 5	3.17						-	3 2	2 2	: :	: :	+
-	95-50-1	×			230	90						-	l'on	sq			T
	541-73-1	×			250	1.27						-	/on	g g			T
	106-46-7	×			3.0	1.80						-	na/i	sq	1		Т
3,3-dichlorobenzidine	91-94-1	×			<5.0	3.17						-	l/6n	bs	;		1
24B diethyl phthalate	84-66-2	×			<2.0	1.27						1	l/6n	gql	1	3	П
dimethyl phthalate	131-11-3	×			<2.0	1.27					J	-	l/6n	sq	ŀ	:	\neg
di-n-butyl phthalate	84-74-2	×			\$5.0 \$5.0	1.27						-	/bn	sq	:		1
27B 2,4-dinitrotoluene	121-14-2	×;			620	1.27						-	/bn	sq	:	1	T
e-dinitrotoluene	5-02-909 7,12-010	× >	Ī		0.5	1.27						-	ve i	SO	:	:	+
29B di-n-octy phynaiate	11/-84-0	,			0.45	2.50							5	Sal	-		+
308 1,2-oppenyinydrazine (as azobenzene)	1-02-72	*			250	7-0						-	Von :	SO S	•		┪
luoran mene	200-1-0	<>			2	197						-	100	5 4	1	:	7
32B Rucielle 32B havachlorohenzene	118-74-1	×			9 6	317						-	7/01	S 4	1	: :	T
hexachiorobitadiana	87-68-3	×			0.0	1.27							l/on	ş	1		1
35B hexachlorocyclopentadiene	77-47.4	×			\$6.0	3.80							l/on	Sa	;	1	T
hexachloroethane	67-72-1	×			3.0	1.90						-	/bn	sql	-	,	Г
37B indeno(1,2,3-cd)pyrene	193-39-5	×			<2.0	1.27						,	ľgu	sql	:	:	
8B isophorone	78-59-1	×			<3.0	1.90						1	ng/l	sql		;	П
39B naphthalene	91-20-3	×			<3.0	1.90						-	ng/l	ន្ទ	ſ	ī	
40B nitrobenzene	98-95-3	×			<5.0	3.17						-	l/gu	g	-		7
41B N-nitrosodimethylamine	62-75-9	×			<7.0	4.43					·	-	l/gu	g .	1	1	Т
42B N-nitrosod-n-propylamine	621-64-7	××			0.4.0	2.53						- -	yon nov	SO S			7
N-IIII USOUIDI ISI IYAHIII IS	85.01.B	\			3	107						-	100	2 2		:	Т
458 pyrene	129-00-0	×			9.0	190						-	/01	2 2	1	,	Ţ
46B 1.2.4-trichlorobenzene	120-82-1	×			<5.0	3,17							/on	sq	:	:	Т
																	П
GS/MS Fraction - Pesticide Compounds	220.00			,	9	6						ļ					7
1P aidrin 3B ahra-BHC	309-00-2			×	9 9	0.06						1	1/6n	S e		: :	\top
Ond-brid	210-04-0			}	96	80.0						-	/Sn	S of	: :	: :	†
era-bno	59.80.0				2 5	900						-	70	3 2		: :	T
allillar DITO	319-86-8			(×	20.00	0.06						-	1/00	ន្ទី	;		t
hlordane	57-74-9			×	o.1.o	0.63						-	. I/On	sq	:	ı	T
7P 4,4-DDT	50-29-3			×	<0.10	90.0						+	l/6n	sql	;	ı	Г
4-DDE	70 55 0																Γ
	0.00			×	<0.10	90.0						1-	√gn	sqi			1

TABLE 3
DIRECT DISCHARGE OF LOW VOLUME WASTE STREAM
LONG BEACH GENERATING STATION
NPDES PERMIT (CA0001171) RENEWAL APPLICATION (10/12/05)
EPA NPDES Application Form 2C - Section V, Part C

EPA ID No. CAR 000 037 705

 V. Intake and Effluent Characteristics 															_	Outfall No. 001	- 60
Part C.																	
			Mark X					Effluent	+				:			Intake	
Pollutant	CAS No.	Testing	Believed	Believed	Maximum i	Maximum Daily Value	Maximum 3	Maximum 30 Day Value	Long	Long Term Avrg Value	falue	No. of	Units	lts	Long Term Avrg Value	Avrg Value	No. of
		Required	Present	Absent	Conc	Mass	Conc	Mass	Conc	Mass	Mass Calc	Analyses	Conc	Mass	Conc	Mass	Analyses
10P dieldrin	00 57 1		_	×	<0.10	90.0						-	l/6n	sqi	,	-	¥
11P alpha-endosulfan	115-29-7			×	<0.10	90.0						-	l/bn	sqi	-		¥
12P beta-endosulfan	115-29-7		-	×	<0.10	90.0						-	l/gn	sq)	1	ı	ΑĀ
13P endosulfan sulfate	1031-07-8			×	<0.10	90'0						-	l/gu	sq)	:	1	ΝA
14P endrin	72-20-8			×	<0.10	90'0		j .				-	/Sn	sqi	,	,	ΑX
15P endrin aldehyde	7421-93-4			×	<0.10	90.0							/6n	sql	·		¥
16P heptachlor	76-44-8			×	<0.10	90.0						ļ.	l/gn	sql	ſ	.1	Ą
17P heptachlor epoxide	1024-57-3			×	<0.10	90.0			3			-	/6n	sql	i		۷Ą
18P PCB-1242	53469-21-9			×	<1.0	0.63						-	/6n	sqi	ı	ı	ΑN
19P PCB-1254	11097-69-1			×	<1.0	0.63						-	J/6n	sqi	;	1	¥
20P PCB-1221	11104-28-2			×	<1.0	0.63						-	l/6n	sql	;	:	Ą
21P PCB-1232	11141-16-5			×	<1.0	0.63						1	l/6n	sql		-	ΝA
22P PCB-1248	12672-29-6			×	4.0	0.63						1	l/6n	sql	-	-	Ϋ́
23P PCB-1260	11096-82-5			×	<1.0	0.63					-	-	/6n	Sqj	1	-	ΝA
24P PCB-1016	12674-11-2			×	<1.0	0.63						1	l/Bn	sq)		:	NA
25P toxaphene	8001-35-2			×	<2.0	1.27						-	ng/l	sq	1	-	ΝA

N/A* - This pollutant has been deleted from Table II in 40 CFR 122.21, therefore testing is not required.

1) "<" indicates that the pollutant concentration was not detected. For these pollutants, the detection limit is reported in the concentration column. For the purpose of calculating mass emissions for this table, the detection limit was utilized as the concentration where the pollutant was not detected. Such substitution should not be used for the purpose of determining compliance with effluent limits.

Mass emissions were calculated using the flow during the actual sampling period:
 grab samples - 0.830903 MGD

3) This chemical is being tested for per Table B of the 2001 California Ocean Plan.

Low Volume Waste Stream Sampling Summary General NPDES Permit CAG994004 Attachment A Screening Limits

Long Beach Generating Station

99/26/2005 10:25 Earlk Pares Wellpoint ; 09/26/2005 10:15 Plant. 1 ļ 1 09/26/2005 10:00 Plant 2 Wellpoint System i 07/22/2005 7:15 Tank Farm Wellpodir System 0.141 <0.00005 0.386 <0.01 <0.005 0.195 7.09 <0.005 0.008 0.375 0.346 3.08 & & 60.3 0.5 1 00.0 - 60.3 4 60.3 60.3 ł 1 07/22/2005 7 55 Pint 2 Wellpoint System 0.17 2.87 <0.005 0.032 0.570 1.17 0.541 0.0016 0.378 0.069 <0.005 <0.005 **0.**5 <0.3 1 60.3 78.9 ŧ 1 07/22/2005 8:10 Referrition <0.05 : General Permit Attachment A 1.3×10^{-8} NPDES 3.7 8.5 0.051 8.3 7.1 7.1 2.2 6.3 8 8 4300 3.2 14 1 9.4 36 8 pH unit µg/L ug/L ug/L ug/L mg/L mg/L mg/L mg/L MGD ug/L ug/L ug/L ug/L ug/L Units mg/L ug/L ug/L ug/L Mg/L ပ METALS CYANIDE AND TOTAL PHENOLS Siochemical Oxygen Demand (BOD) Chemical Oxygen Demand (COD) Total Organic Carbon (TOC) otal Suspended Solids (TSS) YOLATILE COMPOINIDS
1,1 Dichloroethane
1,1 Dichloroethene
1,1 Dichloroethylere 1,1,2-Tetrachiroethane 1,1,2 Trichloroethane 1,1,2,2 Tetrachloroethane 1,2 Dichloropropane 1,2-Trans Dichloroethylene i,1 Trichloroethane Selenium, Total
Silver, Total
Thallium, Total
Vanadium, Total
Zinc, Total
Gyanide, Total 2-Dibromoethane 2 Dichloroethane Animony, Total
Asenic, Total
Beyllium, Total
Cadmium, Total
Chromium, Total
Copper, Total
Ead, Total
Mercury, Total
Mickel, Total Ammonia (as N) Phenols, Total 3,7,8-TCDD emperature

	1				ď.			
		2000						
		CHARLE	· · · · · · · · · · · · · · · · · · ·	THE T	Tank parts	7 jueu	Limit 2	Fair Fairs
		•	Retention		My Calling Mark	Wellpatt		Wellpoini
		celleral Ferrill	DYSID	Office of the Contract of the	25 Figure 1	EASTERN TO THE	Alier I realment	System
		T T T T T T T T T T T T T T T T T T T	NI CONTRACTOR	000000000000000000000000000000000000000	CT: COMPTEND	MILIT CONTACT	CT::01 CD07/07/60	C7 N1 CM1743/44
1.0 Dichlessessessions	June 1	20		3 (3 (
1,5 Distinguishing le	T/RH	C.D.		20.2	20,2		:	
z-cnioroetnyi vinyi etner	hg/L			0.75	0.25		1	
Acrolein	µg/L	100		<12	<12	;	-	
Acrylonitrile	μg/L	0.66	-	<10	<10			
Benzene	µg/L	. 1	1	<0.3	<0.3	1	-	1
Bis (Chloromethyl) Ether	ng/L			1	1	**		The state of the s
Bromoform	µg/L	360	***	<0.3	<0.3	1		
Bromochloromethane	hg/L	l	- 1		1		;	
Bromodichloromethane	Ll/g/L		1	-	;		***	
Bromomethane	J/grt			1	-		1	
Carbon Tetrachloride	μg/L	0.5	*	<0.3	<0.3	-	1	1
Chlorobenzene	μg/L	21000	;	<0.3	<0.3		1	-
Chlorodibromo-methane	µg/L	34	ı	40.5	<0.4		1	
Chloroethane	μg/L	100	1	<0.3	<0.3	:	1	***
Chloroform	T/gri	100	1	<0.3	<0.3			-
Chloromethane	L/Bri	1		1		ı	-	1
c-1,2-Dichloroethane	T/gri	1	-	1		1		1
c-1,3-Dichloropropene	T/gri	1	1	1	1	-	1	-
Dibromochloromethane	T/Sri	1	ı	-	1		**	
Dichlorobromethane	T/gri	46	ı	<0.3	<0.3		***	
Dichlorodifluoromethane	µg/L		**	<0.4	<0.4		!	-
Dichlorotrifloroethane	µg/L		ŀ	1	ı		!	1
Ethylbenzene	µg/L	700		<0.2	<0.2			
Methyl Bromide	T/S/f	4000		<1.0	<1.0	-	-	!
Methyl Chloride	L/g/L	3	-	<0.3	<0.3	1	ı	-
Methylene Chloride	l µg/L	1600		<0.3	<0.3		1	-
Methyl-tert-Butyl Ether	T/Bri				1	1	1	
Napthalene	hg/L				ţ	-		
Tetrachioroethane	μg/L		1	-	_		-	-
Trichloroethene	μg/L		-		1	1		i
Tetrachloroethylene	ng/L	8.85	:	4.0>	<0.4			
Toluene	µg/L	150	-	<0.3	<0.3		1	
Trichloroethylene	hgÆ	5	1	<0.3	€0.3	:		
Trichlorofluoromethane	μg/L	100000000000000000000000000000000000000	•	<0.3	<0.3	-		
Trichlorotrifluoromethane	με⁄L	1	1	•	-	:	-	•
t-1,2-Dichloroethene	µg/L		1	1	1	1	J	1
t-1,3-Dichloropropene	µg/L	1	1	J	ı	1	1	;
Vinyi Chloride	µg/L	0.5		<0.3	<0.3	;		
Xylenes	µg/L		-	;		,	ı	
GC/MS FRACTION - ACID COMPOUNDS								
2 Chlorophenal	μg/L,	400	í	≪3.0	<3.0	-		ļ
2,4 Dichlorophenol	µg/L	790	:	€.0	€5.0	ı	1	ı
2,4 Dimethylphenol	ug/L	2300	:	5.0	5.0		1	-
						The state of the s		

Low Volume Waste Stream Sampling Summary General NPDES Permit CAG994004 Attachment A Screening Limits

Table 4

		NPDES	Retention	Wellsolm	Insk Farm Wellindid	Maint 2 Wellmaint	Marie 2	Fank Parm Wellnaint
		General Person	Basm	System	System	System	After Treeatment	System
4	Units	Affachment A	07/22/2005 8:10	07/22/2005 7.55	07/22/2008 7:15	09/26/2005 10:00	09/26/2005 10:15	09/26/2005 10:25
	Conc							
2,4 Dinitrophenol	μg/L	14000		<15	<15		-	
2,4,6 Trichlorophenal	μg/L	6.5	-	<2.0	<2.0			-
2-Nitrophenol	μg/L		-	<4.0	<4.0	-	-	1
4,6-Dinitro-O-cresol	µg/L	765	-	<10	<10	-	-	-
4-Nitrophenol	µg/L	1	1	<10	<10		-	
P-Chloro-M-Cresol	μg/L	-		2.0	<2.0			
Penta-chlorophenol	µg/L	7.9		<10	<10		-	
Phenol	μg/L	4600000		<2.0	2.0	1	1	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS	MPOUNDS							
,2 Dichlorobenzene	μg/L	009	-	<3.0	3.0	-	-	
,2 Diphenylhydrazine	ng/L	0.54	ı	<2.0	<2.0		1	1
1,2,4 Trichlorobenzene	µg/L			<5.0	0.5>	1	;	1
1,3 Dichlorobenzene	$\mu g/L$	2600	-	<2.0	<2.0	-	444	1
1,4 Dichlorobenzene	µg/L	0.5		<3.0	<3.0			-
2,4 Dinitrotoluene	µg/L	9.1		<2.0	2.0	-	-	-
2,4,5-Trichlorophenol	T/gn				***	1	1	***
2,6 Dinitrotoluene	hg/L			0.2>	<2.0	****	***	**
2-Chloronaphthalene	μ g/L	4300		≪3.0	≪3.0	1	-	1
2-Methyl-4.6-dinitrephenol	µg/L			-		•	1	
2-Methytnaphtalene	µg/L			-	1	-	-	-
2-Methylphenol	µg/L	I		-		-	-	1.
2-Nitroaniline	µg/L			1	-	1	-	1
3-Nitroaniline	пg/L			-	-	-	-	-
3,3' Dichlorobenzidine	µg/L			0. 0	5.0	1	-1	-
3,4-Benzo (b) fluoranthene	μg/L	0.049		5.0	5.0		1	
3,4-Methylphenol	μg/L			1	Í	1	!	1
4-Bromophenyl phenyl ether	μg/L	-		<2.0	42.0	1	!	-
4-Chloroaniline	µg/L			1	1	t	ι	1
4-Chlorophenyl phenyl ether	$\mu g L$	1		<2.0	<2.0	ŀ	t	ł
4-Chloro-3-Methylphenol	μg/L			3	Ę		7	
4,6-Dinitiro-2-Methylphenol	µg/L			-	-	-	-	-
Acenaphthene	µg/L	2700		≪3.0	≪3.0	_	-	-
Acenaphthylene	µg/L	-	:	0.2>	<2.0		;	~~
Anthracene	μg/L	10000	1	<10	<10	1	1	1
Azobenzene	hg/L	1	;	1	:	1	ł	1
Benzidine	J/grl	0.00054	:	<13	<13	ŀ	;	
Benzo (a) Anthracene	llg/L	0.049	-	2.0	2.0	-		-
Benzo (a) Pyrene	J/grt	0.049		2.0	0.2	1		1
Benzo (e) Pyrene	J/gri			-	ı			-
Benzo (g,h,i) Perylene	μg/L			2.0	2.0	-	-	-
Benz (b) Fluoranthene	itg/L	1	1	-	1	1	-	-
Benzo (k) Fluoranthene	µg/L	0.049	;	5.0	5.0	:	411	•
Benzonic Acid	µg/L		ł	1	1	1	t	

				AND DESCRIPTION OF THE PROPERTY OF THE PROPERT				Control of the Contro
		NPDES		Plant 2	Fank Farm	Plant 2	Plant 2	Tank Farm
		General Person	Retention	Wellpoint	Wellpoint	Wellpoitt	After Tremment	Wellpoint
	Finits	Attachment 4	07/22/2005 8:10	H7/22/20045 7 KK	\$1.77.70005.754	## ## \$002/94/5#	P1/26/2005 14:15	\$6.01.500 <i>6/96/</i> 60
	Collec							
Benzyl Alchol	µg/L	1		-	1	i		
Bis (2-Chloroethoxyl) methane	µg/L	1	-	42.0	<2.0		I	-
Bis(2-Chloroethyl) ether	µg/L	1.4	-	3.0	3.0	t	- }	
Bis(2-Chlorolsopropyl) ether	hg/L	170000		<4.0	4.0	-	1	:
Bis(2-Ethylhexyl) phthalate	ug/L	5.9		<4.0	<4.0		1	;
Butyl benzyl phthalate	µg/L	5200		<4.0	<4.0		1	:
Carbazole	µg/L			1	1	1		;
Chrysene	µg/L	0.049		42.0	2.0			
Dibenzo(a,h)-anthracene	ug/L	0.049	-	€.0	5.0			
Dibenzofuran	µg/L			:		1		
Diethy! phthalate	ug/L	120000		42.0	2.0			-
Dimethyl phthalate	µg/L	2900000	1	42.0	2.0	1		-
di-n-Butyl phthalate	ug/L	12000		<2.0	2.0	ł		-
di-n-Octyl phthalate	T/an	1	1	<4.0	<4.0	;	;	ı
Fluoranthene	J/zn	370	1	42.0	2.0	;	ţ	1
Fluorene	J/zn	14000	1	<2.0	2.0	1	:	1
Hexachlorobenzene	J/zn	0.00077	ŀ	€.0	€.0		1	1
Hexachlorobutadiene	J/zn	50	1	<2.0	25.0	1		:
Hexachloro-cyclopentadiene	ug/L	17000	1	€0.0	<6.0		-	:
Hexachloroethane	ug/L	8.9	!	3.0	3.0	:	-	;
Indeno(1,2,3,cd)-pyrene	µg/L	0.049		<2.0	2.0	-		1
Isophorone	ng/L	909		≪3.0	3.0	,		
Methoxychlor	J/gr/			1	1			-
Naphthalene	µg/L			€3.0	€3.0	1		1
Nitrate Nitrogen	J/gri				1			ł
Nitrobenzene	ug/L	1900		5.0	6.0		1	
N-Nitrosodimethyl amine	hg/L	8.1		<7.0	0.75	-		1
N-Nitroso-di-N-propyl amine	µg/L	1,4	1	0.45	<4.0	!		
N-Nitrosodiphenyl amine	μg/L	16		<2.0	42.0	*	ı	1
Pentachlorophenol	µg/L				1	;	-	
Phenanthrene	µg/L			<2.0	42.0	-	-	
Phenol	µg/L			1	1	-	-	-
Pyrene	hg/L	11000		<3.0	≪3.0		-	
Total Detectable PAHs	µg/L			1	1	-	ŀ	;
GC-MS FRACTION PESTICIDES								
2,4'-DDD	ng/L	1		ı	!	ł	1	
2,4-DDE	hg/L	1		1	:	1	1	-
2,4'-DDT	J/gr/			1	1	1	ı	
4,4'-DDD	llg/L	0.00084		+	-		1	-
4,4'-DDE	µg/L	0.00059			1		1	1
4,4'-DDT	hg/L	0.00059	1	1	1	***	-	-
Aldrin	µg/L	0.00014	-	1	-		1	1
aloha-BHC	µg/L	0.013	1	1	;	1		1

soulian sulfan alpha gamma gamma Gamma An I I I I I I I I I I I I I I I I I I					X	Commercial Services			
Comparison Com									
Control Cont			NPBES		Phnt 2	Tank Farm	Plant 2	Plant 2	Tank Farm
Control Cont				Referation	Wellholm	Wellight	Wellmit		Wellpoint
Control			The second by	Room	Sections	Sections	To the S	After Transferent	Service Common C
1		į		0.000 CO	OTCHACHORE WEE	ST. A. ST. ST. ST. ST. ST. ST. ST. ST. ST. ST	00.01.2006.3400	DOMESTICAL STATE	44.00 4000
Heart			41000000	N 10 000000000000		077247400-7111	2070F 2007/07/64	O STATE OF THE PARTY OF THE PAR	37 07 07 07 07 07 07 07 07 07 07 07 07 07
Hg/L									
High	Alpha-Endosulfan	µg/L	0.0087						i
High	beta-BHC	hg/L	0.046	-	•••	-	ł	-	1
Hg/L C C C C C C C C C	Beta-Endosulfan	µg/L	0.0087		:	-	1	-	ì
High	Chlordane	ug/L	0.00059					**************************************	
High	Chlordane alphá	ing/L		And the second control of the second control					
March Marc	Chlordene demme	- Pull			.				
HgL HgL Condit HgL H		Tight.					and the same of th		
High	uelia-bno	Mg/L			2				
1 1 147 14	Dieldrin	µg/L	0.00014		*		-		
	Endosulfan i	μg/L		•	1	-	-		1
High	Endosulfan II	T/gri		1	1	1	1	1	1
High	Endosulfan Sulfate	hg/L	240	-	1		-	-	ı
Principal Page	Endrin	ug/L	0.0023	The state of the s		Printed the state of the state			,
Part	Endrin Aldehyde	T/an	0.81	1	***	-		-	
Epoxide	Endrip Ketone	110/							-
Epoide Hg/L	damma-RHC	110/1	6900		-	-	•	-	
Epovide Hg/L 0.00011	טוויים של איני	102	50000						
High	Heptachlor	T/Bri	0.00021	-	1	-			1
High	Heptachlor Epoxide	µg/L	0.00011	1	-	I	1	-	-
High High Condity	PCB 1016	µg/L	0.00017		-	-	-	-	
Page	PCB 1221	ug/L	0.00017	-		-	,	-	
Page	PCB 1232	hg/L	0.00017	I	1	1	ı	1	1
He He/L 0.00017	PCB 1242	hg/L	0.00017	ı		ı			. 1
Harden	PCB 1248	J/grl	0.00017	ŀ	ı		1		
Page	PCB 1254	ug/L	0.00017	-	1	1	1	1	1
Page	PCB 1260	µg/L	0.00017		ı				1
PARTE PAPE	Toxaphene	ug/L	0.00075		1	. 1	1	1	1
COLUMN MFL	PERCHIORATE								
OF EIBERS TOTAL LIGHT	Perchlorate	nøÆ	1	+	.60 1.05	0.1	:	••	-
or = 0.5 mircon MF/L — < <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.0 <1.0 <1.00 <1.00 <1.00 <1.00 <1.00 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 </td <td>ASBESTOS FIBERS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ASBESTOS FIBERS								
PETROLEUM HYDROCARBOINS (TPH) PETROLEUM HYDROCARBOINS (TPH) Casoline — < < 100 — < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < < 100 < < < 100 < < < 100 < < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100 < < 100	Fibers > or = 0.5 micron	MF/L	l	-	<1.1	4.1			1
Gasoline μg/L 100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <	TOTAL PETROLELM HYDROCARBONS	### S							
Diesel μg/L 100 - 420 670 670 670 670 670 670 670 670 670 670 670 670 670 670 670 671<	TPH as Gasoline	hg/L	100		<100	<100		I	1
OILS HIGHL <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	TPH as Diesel	ug/L	100	1	420	029	210	190	280
of µg/L — <0.1 <0.1 <0.1 of µg/L — <0.1 <0.1 <0.1 nol µg/L — <0.1 <0.1 <0.1 j µg/L — <0.1 <0.1 <0.1 <0.1	ALCOHOLS								
Hg/L	2-Butanol	T/grt	1	1	<0.1	<0.1	١		. •
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Ethanol	µg/L		1	<0.1	40.1	-		1
$\mu g L$ $\mu $	Isobutanol	µg/L	1		<0.1	40.1		1	
μg/L <0.1 <0.1	Isopropanol	ug/L	1	-	₽.1	<0.1	-	ı	:
T C C C C C C C C C C C C C C C C C C C	Methanoi	µg/L	1	-	6.1	⊘ .1	ı	1	ı
Ug/L	n-Butanol	ng/L			<0.1	8.1			3

Table 4

NPDES No. CA0001171

Low Volume Waste Stream Sampling Summary General NPDES Permit CAG994004 Attachment A Screening Limits Long Beach Generating Station

		- District.	1 14	77.70.00	1 11 277	100000	Tr. Park	Datastics
		SHARS	Basin	CHC SYSCIE	CALIFORNIA	Affic Aystelli	Villalli	Basin
		General Permit	Discharge	Intake	190	Intake	100	Discharge
	Cnits	Attachment 4	06:01 5007/97/60	10/05/2005 9:15	10/03/2005 9:25	20.00	10/05/2005 11:47	10/05/2005 11:20
	Conc		#			20.0		
POLLUTANT								
Biochemical Oxygen Demand (BOD)	mg/L			-	-		1	
Chemical Oxygen Demand (COD)	mg/L	1	-	-	1	I	1	1
Total Organic Carbon (TOC)	mg/L	1	•	-	1	-	**	
Total Suspended Solids (TSS)	mg/L		;		1	1	-	
Ammonia (as N)	mg/L	+	1	-	-	-	-	
Flow	MGD	1	1		-	-	,	
Temperature	ာ့	*	1	1	ı	1	ı	-
pH unit	pH unit	1	3	1	-	1	1	-
METALS CYANDE AND TOTAL PHEND	1.S							
Antimony, Total	T/Bri	4300	-	1	:		Į	
Arsenic, Total	TyBri	36	1	-	:		1	1
Beryllium, Total	hg/L	I	-	1	-	•	1	1
Cadmium, Total	µg/L	9.4	-		1	}	-	ŧ
Chromium, Total	μg/L			-	-	1	-	-
Copper, Total	hg/L	3.7		-	,		-	-
Lead, Total	ug/L	8.5	+	1				
Mercury, Total	µg/L	0.051					ı	
Nickel, Total	µg/L	8.3				-		_
Selenium, Total	ug/L	71	1	-	1	-	1	
Silver, Total	µg/L	2.2		. ,	-			ì
Thallium, Total	µg/L	6.3		1		•		
Vanadium, Total	ug/L						ľ	
Zinc, Total	µg/L	98	1			-	1	
Oyanide, Total	T/Bri	ļ		-	1		-	-
Oyanide, Amenable	hg/L		1	-	ŧ			
Phenols, Total	µg/L]	-	3	-
DIOXIN								
2,3,7,8-TCDD	µg/L	1.3×10^{-8}	-	-	I	i	-	1
VOLATILE COMPOUNDS								
1,1 Dichloroethane	µg/L	5	**	-			-	
1,1_Dichloroethene	µg/L	1	-	-			_	ľ
1,1 Dichloroethylene	µg/L	3.2	-	1	-	1	1	1
1,1,1 Trichloroethane	µg/L	200	ŧ	1	ł	-	1	-
1,1,1,2-Tetrachiroethane	T/Sri [**	ł	,		***	1
1,1,2 Trichloroethane	T/Bri	42	1	1				
1,1,2,2 Tetrachloroethane	µg/L	1		-		-	1	-
1,2-Dibromoethane	μg/L				-	-	1	1
1,2 Dichloroethane	µg/L	66	-	ı		;		1
1,2 Dichloropropane	µg/L	39	-	ı		ł		-
1,2-Trans Dichloroethylene	Ll/grl	10		1	-	•	-	-

Table 4

NPDES No. CA0001171

		SHIPS	Reference		To the			
		Ganaral Parant	Basin Dischare	Intrike	001	Intake	001	Basin Discharge
	Units	Attachment A	06/26/2005 10:30	10/05/2008 9:15	10/03/2005 9:25	10/05/2005 11:25	10/05/2005 11:47	10/05/2005 11:20
	Conc		2283					
1,3 Dichloropropylene	T/grd	0.5	1			***		
2-Chloroethyl vinyl ether	hg/L		-	:	***	A A A A A A A A A A A A A A A A A A A		
Acrolein	hg/L	100	-	2	-	1		1
Acrylonitrile	hg/L	99.0	•	1				
Benzene	ug/L			1		1	-	
Bis (Chloromethyl) Ether	J/g/L	1		***	-	7	1	1
Bromoform	J/Zni	360	I	•	-	•	1	
Bromochloromethane	ug/L	1		-	-	-		
Bromodichioromethane	µg/L	4		**	-	,	I	
Bromomethane	J/Bri	1			***			1
Carbon Tetrachloride	ug/L	0.5	-		l	1		-
Chlorobenzene	ng/L	21000	1	-		-		-
Chlorodibromo-methane	µg/L	34		ı	-	1		1
Chloroethane	J/gri	100	-1	ī	-		1	1
Chloraform	LIZ/T	100			-	-		-
Chloromethane	ng/L			-,	-	-		-
c-1 2-Dichloroethane	μg/L				-	-	I	1
c-1.3-Dichloropropene	µg/L			ŧ	1	**	\$ 1	**
Dibromochloromethane	ug/L			-	***	***	* *	
Dichlorobromomethane	µg/L	46		1	**		-	n-e
Dichlorodifluoromethane	µg/L		1	1		1		-
Dichlorotrifloroethane	L/S/T		1	-		-	-	
Ethylbenzene	hg/L	700	-	-				
Methyl Bromide	µg/L	4000	1	-			1	1
Methyl Chloride	µg/L	3	-			-		-
Methylene Chloride	ng/L	1600		-	1		-	-
Methyl-tert-Butyl Ether	µg/L			-	1		1	***
Napthalene	Tygri	1	-					1
Tetrachloroethane	hg/L	1	-	-	-	1	4.2	**
Trichloroethene	µg/L		•	1				
Tetrachloroethylene	μg/L	8.85	-	-				-
Toluene	lug/L	150	-	-	•	-		
Trichloroethylene	µg/L	. 5	•	1	1	1	1	
Trichlorofluoromethane	μg/L	1	-	1	1	-		
Trichlorotrifluoromethane	l _{ig/L}		-	1		1	-	1
t-1.2-Dichloroethene	L/g/L		•	7	-	**	1	1
1-1 3-Dichloropropene	ue/L		1		1	-	-	
Viryl Chloride	J/gn	0.5	1	1	1	-		-
Xylenes			1	1		1	1	-
OCINS PRACTION - ACID COMPOUNDS								
2 Chlorophenal	μg/L	400		1	1	1	-	-
2,4 Dichlorophenal	µg/L	190		1		1	-	1
		0000			_	-		

			Bastn					Basin
		General Permit	Discharge	Intake	601	Intake	00.1	Discharge
	Units	Attachment A	96/36/3005 10:30	10/05/2005 9:15	10/03/2005 9:25	2711 \$000/\$0/01	10/05/2005 11:47	10/05/2005 11:20
	Contr					▓		
2,4 Dinitrophenol	µg/L	14000	1		-		-	
2,4,6 Trichlorophenol	μg/L	6.5		1	-		1	1
2-Nitrophenol	T/gn					1	-	;
4,6-Dinitro-O-cresol	hg/L	765	-	1	-	*	1	-
4-Nitrophenol	µg/L		-	ļ	-	-	-	
P-Chloro-M-Cresol	µg/L				-		-	-
Penta-chlorophenol	µg/L	7.9		1	1	-	***	
Phenol	ug/L	4600000		1		-	Í	
GCMS FRACTION BASE NEUTRAL COMPOUNDS	SOMOONIC							
1,2 Dichlorobenzene	J/grt	009	1		1			
1,2 Diphenylhydrazine	µg/L	0.54	-1		1			
1,2,4 Trichlorobenzene	μg/L	}	1		-	-	1	
1,3 Dichlorobenzene	ugL	2600	-		1	1	1	
1,4 Dichlorobenzene	T/Sri	0.5	-		-	-	1	-
2.4 Dinitrotoluene	ug/L	9.1		1		1		
2.4.5-Trichlorophenol	µg/L	1	1		1	;		
2.6 Dinitrotoluene	µg/L		1	1	1	1	1	1
2-Chloronaphthalene	μg/L	4300	-	-	1	1	1	1
2-Methyl-4.6-dinitrephenol	μg/L		1	1	-		1	1
2-Methylnaphtalene	µg/L		1	1	-	•	-	1
2-Methylphenol	µg/L	1	1	1	-	7		1
2-Nitroaniline	hg/L	<u> </u>		•				1
3-Nitroaniline	hg/L		-	1	-			1
3,3' Dichlorobenzidine	hg/L	0.077	-	-	!		-	-
3,4 Benzo (b) fluoranthene	µg/L	0.049		-	I			•
3,4-Methylphenol	J/gr/		l.	1	:		-	•
4-Bromophenyl phenyl ether	T/Sri	1	1	1	***	1	-	
4-Chloroaniline	T/Bri			ŀ		1		-
4-Chlorophenyl phenyl ether	T/Brl	1	-	;	1		-	1
4-Chloro-3-Methylphenol	μg/L	Ì	1	-	-	1		-
4,6-Dinitiro-2-Methylphenol	µg/L		1		:	-	-	1
Acenaphthene	µg/L	2700	1				1	•
Acenaphthylene	lug/L	1	1	1		1	-	
Anthracene	ng/L	10000	,		-	-	1	-
Azobenzene	J/g/L	1				1	-	1
Benzidine	μg/L	0.00054		1			,	1
Benzo (a) Anthracene	T/gri	0.049	***			1	1	:
Benzo (a) Pyrene	Lg/L	0.049	•	1	;	I	1	I
Benzo (e) Pyrene	ng/L			1	1	1		I
Benzo (g,h,i) Perylene	µg/L	-	•	1	•	-	-	i
Benz (b) Fluoranthene	µg/L		1	1		1		ı
Benzo (k) Fluoranthene	Llg/L	0.049		1	;	1	-	ł
								+

Table 4

NPDES No. CA0001171

		NPDES	Ketention	Circ. System	Outall	Circ, System	Oufall	Retention
		General Permit	разіп Discharge	Intake	601	Intake	001	Discharge
	Units	Attachment 4	99/26/2005 10 30	10/05/2005 9:15	10/03/2005 9:25	10/05/2005 11:25	10/05/2005 11:47	10/05/2005 11:20
	Conc							
Benzyl Alchol	μg/L	1	1				**	-
Bis (2-Chloroethoxyl) methane	ug/L	ı	-	**	-	-	i	-
Bis(2-Chloroethyl) ether	ug/L	1.4	-		-		1	1
Bis(2-Chloroisopropyl) ether	ug/L	170000		1	1		**	
Bis(2-Ethylhexyl) phthalate	µg/L	5.9	***************************************	-	1		1	
Butyl benzyl phthalate	Llg/L	5200		1	1		:	-
Carbazole	ug/L			1	. 1		1	-
Chrysene	ug/L	0.049		1			ŧ	
Dibenzo(a.h)-anthracene	ug/L	0,049		1	1		*	
Dibenzofuran	µg/L			1	-		ŧ	-
Diethyl phthalate	µg/L	120000		1	1	1	1	-
Dimethyl phthalate	ug/L	2900000		ŀ	1			1
di-n-Butyl phthalate	µg/L	12000	1	1	-	1	-	
di-n-Octyl phthalate	µg/L	1		1	1	-	1	-
Fluoranthene	J/g/L	370		1			1	-
Fluorene	µg/L	14000		1	1		ŧ	ı
Hexachlorobenzene	ug/L	0.00077		1	. 1		3	1
Hexachlorobutadiene	ug/L	50				-	ı	-
Hexachloro-cyclopentadiene	ue/L	17000		1	-		1	
Hexachloroethane	ug/L	8.9	-				1	
Indepo(1.2.3 cd)-pyrene	us/L	0.049	1	-		į		
Isophorone	T/an	009	-	***		1	-	1
Methoxychlor	T/an		-	I	-	-		ı
Naphthalene	ug/L			t	1		+	1
Nitrate Nitrogen	ug/L			1	-			
Nitrobenzene	us/L	1900						
N-Nitrosodimethyl amine	µg/L	8.1					•	
N-Nitroso-di-N-propyl amine	ng/L	1.4	-	1			-	-
N-Nitrosodipheny! amine	µg/L	16		***	1			
Pentachlorophenol	µg/L		1	-	1	1		1
Phenanthrene	J/gr/	_	ŧ,	-		ı		I
Phenol	T/gri		-	•	-	1	•	1
Pyrene	ug/L	11000	-	1		,	I	
Total Detectable PAHs	µg/L	1	-	-	-		1	J
GC-MS FRACTION PESTICIDES								
2,4'-DDD	J/gri	1	1	:	1	-	•	-
2,4'-DDE	ug/L	1	1		,		1	-
2,4-DDT	lug/L	1		1	-	-	1	1
4,4'-DDD	hg/L	0.00084	1		I		1	-
4,4.DDE	hg/L	0.00059	1	-		1		1
4,4'-DDT	T/Bri	0.00059	-	-	1	1	-	:
Aldrin	L/gri	0.00014		ļ		1	-	ł
alpha-BHC	µg/L	0.013	t e	,		l		1

			・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・					
		Mittes	Bastn	massic out	Littiali	Circ. System	LAGAII.	Resention
		General Permit	Discharge	Intake	100	Intake	901	Discharge
	Units	ttachment 4	08 01 \$002/92/60	10/05/2005 9:15	10/03/2005 9:25	10/05/2005 11:25	10/05/2005 11:47	10/05/2005 11:20
	Conc							
Alpha-Endosulfan	μg/L	0.0087	1	1	1	1	777	**
beta-BHC	µg/L	0.046	1	1	1	ı	1	**
Beta-Endosulfan	µg/L	0.0087		2	-			
Chlordane	μg/L	0.00059	**		:	-	-	
Chiordane alpha	μg/L	-	1	-	:	-		
Chlordane gamma	ug/L		1	-	1	-	-	
delta-BHC	µg/L	1	1	-	ı			'
Dieldrin	Llg/L	0.00014	-	-	-		-	
Endosulfan I	µg/L		-	-	-	•		-
Endosulfan II	hg/L	1	1	1	1			-
Endosulfan Sulfate	μg/L	240	ı	-	•			-
Endrin	ng/L	0,0023	ī	1.9	-	ı		1
Endrin Aldehyde	ug/L	0.81	1	-	:	-	1	-
Endrin Ketone	l µg/L		1	1	ı	1		***
gamma-BHC	l µg/L	0.063	. [1	ı	;	1	***
Heptachlor	hg/L	0.00021		ı	1.	1		
Heptachlor Epoxide	μg/L	0.00011		-	J	-		
PCB 1016	µg/L	0.00017	1	ļ	**	-		-
PCB 1221	μg/L	0.00017		-	1	-	1	1
PCB 1232	μg/L	0.00017	-	1	1	-	1	1
PCB 1242	μg/L	0.00017	ł	:			r	1
PCB 1248	J/gr/	0.00017		1	-	1	1	1
PCB 1254	µg/L	0.00017	-	-	,	ł	1	-
PCB 1260	µg/L	0.00017		1		-	-	ļ
Toxaphene	µg/L	0.00075	,	1	1	-		ı
PERCHLORATE								
Perchlorate	μg/L	1		:	1	1	-	1
ASBESTOS FIBERS								
Fibers > or = 0.5 micron	MF/L	1		77	-	-		
TOTAL PETROLEUM HYDROCARBONS (TPH)	S(TPH)							
TPH as Gasoline	µg/L	100		1	-	-	I	1
TPH as Diesel	µg/L	100	230	<100	180	140	110	180
ALCOHOLS								
2-Butanol	hg/L		1	-		1		1
Ethanol	hg/L	1	:				1	-
Isobutanoi	hg/L		1	ļ	ŗ	-	-	1
Isopropanol	μg/L	_	-	-		1	ı	-
Methanol	µg/L		-	-			1	1
In-Butanol	L/g/L		1	1		:	1	1